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Ms. Cynthia Mafara
Contracts Specialist
Naval Facilities Engineering Command Southwest
1220 Pacific Highway
San Diego, CA 92132-5190

Subject:
KELLER CANYON CALIFORNIA HAZARDOUS WASTE INCIDENT INVESTIGATION

Dear Ms. Mafara:

Date:
September 4, 2014

Contact:
Don Clause

Phone:
O: 949-450-7901
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don.clause@arcadis-us.com

This letter amends and supersedes our July 18, 2014 response to your letter subject; KELLER CANYON CALIFORNIA HAZARDOUS WASTE INCIDENT INVESTIGATION; Serial Number R06B2.CK, 11-D-2226, dated 10 July 2014. Our prior letter is amended to further clarify, supplement, and update you on matters concerning our initial notification of the incident, our response to address the incident, our investigation into the incident, the corrective actions implemented by us, and our recommendations for mitigation measures for ARCADIS, the Navy, and future contractors.

1) Description of the Incident

On Friday June 13th eight truck loads (approximately 195 tons) of California Hazardous (Cal-Haz) soil (the soil was classified as Cal-Haz due to elevated levels of lead) was removed from stockpile # 732, which was located on the south side of Crisp Road, just north of Building 809, and transported to Keller Canyon Landfill – a landfill not authorized to receive Cal-Haz soil. On Monday June 16th, thirty-four truck loads (approximately 792 tons) of Cal-Haz soil was removed from stockpiles # 732, 730, and 727; also on the south side of Crisp Road, to the northwest of Building 809, and transported to Keller Canyon Landfill.

On Tuesday morning, June 17, 2014 during a quality control check and review of ongoing work for the Hunters Point T&D project, an ARCADIS CQC Engineer discovered that the 42 loads (approx. 987 tons) of Cal-Haz had been transported to Keller Canyon Landfill on Friday June 13th and Monday June 16th under California Class II/non-hazardous manifests.

2) Historic Process Used for Waste Identification, Labeling, and Transport Prior to the Incident

Waste Identification: The Navy provided ARCADIS with their priority for pile removal. If sample results and pile maps are available, they were forwarded to ARCADIS by the responsible generating contractor or the Navy. If no sample results are available or if the analytical results for the samples are not sufficient to characterize and profile

the waste, ARCADIS had its first tier subcontractor, BTI, provide recommendations of what additional analytical information is necessary. ARCADIS had BTI collect any additional samples. Once all needed samples were collected and analyzed by the certified laboratory (Curtis and Tompkins), BTI reviewed the results and prepared a summary of waste streams for ARCADIS, presented via email. Such emails, were sent to the ARCADIS Project Manager (PM) and Quality Control (QC) Engineer by BTI, and would include a breakdown, usually in table format, of the stockpile number and waste classification. The emails included a figure of the working area showing stockpile footprints, numbers/description and locations.

Stockpile Identification/Labeling: The stockpile identification process started well before ARCADIS received any analytical results. The ARCADIS Site Superintendent and QC Engineer and a BTI Representative attempted to verify that existing maps provided by the generating contractors and the Navy correlated to actual field conditions to catch any discrepancies early in the identification/designation process. Stockpile identification also continued during the analytical results review process and prior to mobilizing to the stockpile for removal by again correlating map and actual field conditions to ensure no changes have been made since the initiation of the identification process. Some, but not all, stockpiles had been previously labeled by the generating contractors using marked sandbags, spray paint, or small signs, with the respective stockpile number displayed on them. However, there was no color scheme associated with this labeling. If any questions arose regarding stockpile locations in the field versus what was being shown on the maps, ARCADIS would contact and meet with the generating contractor to resolve any confusion. Most maps provided generating contractors and the Navy did not require alterations to reflect actual field conditions, with the exception that the Google Earth map provided by CBI was incorrect as some of the stockpiles had been previously removed.

During removal activities the maps were checked daily to confirm actual field conditions were consistent with what was shown on the applicable maps. For stockpiles that contain multiple waste streams in a single pile, ARCADIS and BTI used colored spray paint to delineate the pile. Red paint was used to mark off areas that were identified as Cal-Haz. Prior to removing these areas, a QC inspection was performed to verify that the paint correctly delineates the area.

Waste Manifesting, Loading and Hauling: ARCADIS' WTC, under the direction of ARCADIS, prepared the draft manifest for each waste classification for review by the Navy Caretaker Site Office (CSO). After the CSO reviewed, provided any requested changes as necessary, and approved the draft manifests, the WTC would pre-print a sufficient number of manifests for the piles identified. For hazardous waste, the Navy signed the manifest for the daily shipments and provided those signed manifests to

ARCADIS. ARCADIS would then conduct a QC review of the manifests. If the manifests were for Class II/ non-hazardous material, the CSO designated ARCADIS to sign the manifests on behalf of the Navy. The CSO signed all other waste stream manifests.

The manifests were given to the manifester by the QC Engineer each day, prior to commencement of off-hauling activities. This step allowed for the QC Engineer to inspect the manifests one last time assessing whether the correct manifest was being used for the work to be performed that day. The manifester is an ARCADIS employee who ensures the manifests, already signed by the generator (Navy or ARCADIS), are signed by the truckers and the appropriate copies retained; manifesting was conducted by an ARCADIS field crew member. The manifests are completed (weights, etc.) at the Radiation Portal area by the designated manifester so that the truckers only need to sign prior to leaving the site.

At the beginning of each day during the tail-gate safety meeting, the ARCADIS Superintendent and QC Engineer discussed the loading activities, among other things, to be conducted that day. Loading activities were conducted by the ARCADIS Superintendent or ARCADIS equipment operator (EO). The ARCADIS Superintendent coordinated location, waste stream and number of trucks needed with the WTC for the following full-day(s) at the conclusion of each working day. The loader, whether it was the ARCADIS Superintendent or ARCADIS EO, had tables and maps of stockpile numbers, locations and designations.

Quality Assurance/Quality Control (QA/QC): QA/QC inspections were conducted at multiple points throughout each day. During these inspections, the ARCADIS Superintendent and QC Engineer stopped work to communicate daily progress and to discuss future plans and questions (if any). Inspections included but were not limited to:

- Verifying that the load-out operator is working at the correct pile.
- Verifying ARCADIS Superintendent's plans to move to the correct next pile discussed during the morning tail-gate meeting.
- Checking the manifesting process and ensuring enough signed manifests are at the site.
- Assessing whether the correct information was being transferred onto the manifests.
- Ensuring best management practices (BMPs) were being employed as part of the Storm Water Pollution Prevention Plan (SWPPP) and Dust Control Plan.
- Collecting air samples.
- Performing quality reviews of reports.
- Producing daily reports.

The QC Engineer performed the activities multiple times throughout the day. Once a week, the QC Engineer held a Weekly QC meeting to discuss activities from the prior week. Items discussed during these meetings included summary of work, truck/tonnage counts, any environmental or H&S issues and a two week look-ahead of scheduled activities. A load out log, updated daily, was provided during this weekly meeting.

3) Incident Timeline

- June 12, 2014: The QC Engineer was previously scheduled to be off from work on Friday June 13 and Monday June 16. The QC Engineer's duties were delegated to the Site Superintendent and the next two days load outs were reviewed together as there was no standard operating procedure in place from which the Site Superintendent could follow to perform the QC duties.
- June 13, 2014: Eight truck loads (approximately 195 tons) of soil was removed from stockpile # 732, which was located on the south side of Crisp Road, just north of Building 809 and shipped to Keller Canyon Landfill under Class II/non-hazardous manifests. The Site Superintendent performed the QC checks based upon the turnover with the QC Engineer, who was not present.
- June 16, 2014: Thirty-four truck loads (approximately 792 tons) of soil was removed from stockpiles # 732, 730, and 727 which was located on the south side of Crisp Road, just north of Building 809 and shipped to Keller Canyon Landfill under Class II/non-hazardous manifests. The QC Engineer was not on-site and the Site Superintendent performed the QC checks based upon the turnover with the QC Engineer.
- June 17, 2014: Upon his return, the QC Engineer conducted a QC check in the morning (approximately 8:00 am) and discovered that the abovementioned 42 loads (approximately 987 tons) of soil that was shipped to Keller Canyon Landfill collectively on Friday June 13th and Monday June, 16th under Class II/non-hazardous manifests included Cal-Haz soil. Keller Canyon Landfill was not authorized to receive Cal-Haz soil.
- June 17, 2014: ARCADIS immediately stopped work on the stockpiles and commenced the verification process to confirm whether Cal-Haz soil was shipped to Keller Canyon Landfill. ARCADIS reviewed manifests, soil pile analytical results, soil stockpile numbers and locations. In addition, ARCADIS documented the manifest numbers, truck volumes, and former location of the soil piles that were transported to the Keller Canyon Landfill.
- June 17, 2014: Upon completion of the verification and validation process and the determination that Cal-Haz soil had been shipped to Keller Canyon Landfill (approximately 12:00 pm), ARCADIS notified BTI of the error. BTI then contacted Keller Canyon Landfill to inform them of the situation and to have the landfill personnel locate and isolate the Cal-Haz soils. Based on discussions with Keller Canyon Landfill, the Cal-Haz soils were immediately identified and isolated and Keller Canyon Landfill notified us verbally that the loads would be rejected. Keller Canyon Landfill placed signs near the stockpile directing traffic to avoid getting close to the stockpile until a more permeant isolation method could be implemented.

- June 17, 2014: Simultaneously, ARCADIS notified the Navy RPM and CSO of the situation. With notification to the LRPM and ROICC shortly thereafter.
- June 17, 2014: At 4:29 pm ARCADIS was issued a Stop Work order by the Contracting Officer via e-mail. The purpose of the order was to impose a Stop Work upon any and all requirements related to the Loading and Transportation and Removal of waste material at Hunters Point Naval Shipyard, San Francisco, CA Pursuant to FAR 52.242-15 STOP WORK ORDER. ARCADIS was directed to stop work on all tasks under this task order effective 18 June 2014 through 18 September 2014.
- June 18, 2014: A Senior ARCADIS Management team was assembled to meet at Keller Canyon Landfill, which they did, along with BTI Senior Management, to discuss corrective actions to remove the rejected soil from Keller Canyon Landfill and dispose of it at an authorized Cal-Haz facility.
- June 18, 2014: ARCADIS field staff mobilized to the stockpile at Keller Canyon Landfill to install a barrier around the perimeter of the Cal-Haz soil. ARCADIS installed a 4 foot snow fence around the stockpile of Cal-Haz soil and the "Scrape zone," hung signs warning landfill personnel and others to "Keep Out," and covered the stockpile with a poly tarp secured with sand bags.
- June 18, 2014: Keller Canyon Landfill began the process of notifying their Local Enforcement Agency (LEA), Contra Costa Environmental Health, and the City of Pittsburg.
- June 20, 2014: A Corrective Action Plan (CAP) with a Health and Safety Plan was prepared by ARCADIS, and reviewed by Keller Canyon Landfill and the Navy for the removal of the Cal-Haz soil from Keller Canyon Landfill. This plan was also provided to Contra Costa County.
- June 21, 2014: ARCADIS performed stockpile inspection to confirm that the snow fence and tarp were intact, preventing migration of the Cal-Haz soil through wind or rain and preventing landfill personnel from contact.
- June 24 – 30, 2014: ARCADIS removed the Cal-Haz soil from Keller Canyon Landfill and had BTI transport the soil to Buttonwillow Landfill, a Cal-Haz approved facility. In addition to the 987 tons of Cal-Haz soil transported to the Keller Canyon landfill, an additional 722 tons of soil beneath and around the Cal-Haz soil was removed from Keller Canyon Landfill and transported to Buttonwillow landfill. The additional soil to be removed was identified by scraping soil from the adjoining roadway and under the former Cal- Haz soil stockpile at Keller Canyon Landfill until a visual difference in soil color was observed (the Cal-Haz soil was grey whereas the material that the Cal-Haz soil was placed upon was reddish in color, providing for visual delineation). Following scraping activities, ARCADIS established a 10-foot by 5-foot grid pattern to evaluate lead concentrations in soil using XRF screening. For 18 locations with readings above 50 ppm for lead a 5-foot by 5-foot polygon was established around the grid line intersection with spray paint and scraped an additional 6 inches to 1-foot below the scrape grade. Confirmation soil samples were collected from a total of 10 surface soil locations and delivered to TestAmerica in Pleasanton, CA for analysis of total lead. The analytic results of the confirmation sampling were below the screening values set in the CAP.
- July 16, 2014: A Keller Canyon Corrective Action Implementation completion letter report was prepared by ARCADIS for submission to Keller Canyon.

4) Understanding the Cause of the Incident

On the evening of June 17th, ARCADIS assigned Ms. Rebecca Lindeman, P.E., to perform an investigation into the incident. Ms. Lindeman formerly held the ARCADIS Environment Division Health & Safety Director position and has extensive experience in conducting investigations and root cause analyses.

Ms. Lindeman conducted interviews with staff onsite at the former Hunters Point Naval Shipyard on June 18th (Jeff Worden, Carmen Vidal, and Jayson Peer) and completed additional phone interviews with staff that were not present on June 18th and 19th (Mike Peer, Scott Morris, and Danny Willis). Ms. Lindeman's summaries of these interviews are included as an appendix to this letter. Ms. Lindeman also spoke with Brad Bonner with BTI and Rick King at Republic Services Keller Canyon Landfill. Information from these interviews, site visits at Hunters Point and Keller Canyon Landfill, and review of documents including the work plan, maps, daily reports, and other related documents were used to develop the timeline presented above as well as work through an analysis to identify the factors that led to the occurrence of incident. Subsequent team calls were conducted with ARCADIS staff and senior management to discuss factors and assign corrective actions for this investigation.

The factors identified by ARCADIS were:

a) No written standard operating procedure for stockpile identification and field marking.
b) Site Superintendent was not familiar with the pile nomenclature and locations provided by BTI (who conducted the pile sampling and initial identification).
c) No written standard operating QC procedure for Site Superintendent, who was filling in for the QC Engineer, to follow to confirm pile locations.
d) Project Manager assumed piles were being clearly marked but did not question nor verify.
e) Outdated maps provided to ARCADIS did not show subsequent additional piles or other changed conditions.
f) The quality of the copied maps provided to ARCADIS for field identification/ locating of piles was inadequate because the pile numbers were not clearly shown, could not be read, and there was nothing correlating the BTI pile designation table (Haz, non-haz, etc.) to the field piles.
g) Project team comfortable or complacent with status of activities because of an "everything is going well" mentality; no need to question or change activities.
h) Confusion among field staff relative to pile locations along Crisp Road; namely whether the planned six piles to be removed were 6 piles in a row versus six total, or 4 piles in a row plus another 2 other piles.
i) Old pile markings along Crisp Road were worn off/ could not be read, if they ever existed (conflicting reports/ memory).
j) Previous pile markings (at Crisp Road and at other locations at the site) were conducted by BTI and/or Tetra Tech, not ARCADIS so field staff did not have direct knowledge of previous pile markings.

k) Standard operating procedures for QC inspections were not clearly determined or delineated prior to the QC Engineer's planned absence.

These factors, in particular the confusion among field staff relative to pile locations along Crisp Road, variant nomenclature and means for determining pile locations, no written standard QC procedures to follow when encountering changes in pile conditions, and the absence of a written SOP specific to pile identification (e.g., requiring at least one additional line of evidence instead of the maps provided to ARCADIS), led to the occurrence of the incident.

5) Identification and Implementation of Corrective Actions

It was determined that the most effective corrective action would be to develop and implement a more formal standard operating procedure (SOP) for the identification, marking, and verification of stockpiles at the site. The SOP, which is attached to the report as Appendix F, changes the historic process described previously in a manner that we expect will significantly reduce the likelihood of reoccurrence. This SOP was developed in close collaboration with the relevant stakeholders. ARCADIS has communicated the SOP to field staff and conducted the necessary training of field staff, client personnel, and other personnel on the specifics of the SOP. As of the date of this letter, the SOP is in place and functional. ARCADIS has increased management oversight to provide for an effective implementation of the SOP. Management reviews of the SOP have been and will continue to be conducted and recorded in ARCADIS' 4-Sight database and reported in a daily report submitted to the ROICC and CSO to document the effectiveness of the SOP.

In addition to the SOP, ARCADIS has identified other actions to help mitigate risks on the project through training and awareness, work plan amendments and updates to internal ARCADIS systems, etc. These opportunities are:

a) Training for client, prime contractor, subcontractors, and stakeholders that generate hazardous and non-hazardous materials, on the procedures to ensure understanding and compliance with the SOP.
b) Add the SOP to Work Plan and PWS for future T&D Operations.
c) Add a Task Improvement Process to ARCADIS Quality Management System (QMS) and 4-Sight database to be included in work plans whenever T&D efforts are within a PWS.
d) Evaluate work plans during execution and between contracted task orders (prior to being approved for new work) to ensure work plan addresses potential changes in work methodology or risks previously unforeseen.

6) Additional Data - Attached

Figure – CB&I Google Earth Image of Crisp Road Stockpiles Outlines

Attachment A: Manifest and Tonnage Table; Non-conforming Loads Tonnage Report

Attachment B: Keller Canyon Corrective Action Plan (includes Curtis & Thompkins laboratory results)

Attachment C: Keller Canyon CAP Implementation Letter (includes photos and daily reports)

Attachment D: Republic Services Waste Profile – Non-RCRA Soil Waste Profile

Attachment E: Non-Conforming Loads Waste Manifests and Weight Tickets

Attachment F: SOP – Inspection and Verification of Stockpiles with Form

Attachment G: Summaries of Interviews of ARCADIS Employees

Please contact me with any questions or comments.

Sincerely,

ARCADIS U.S., Inc.

Donald W. Clause, P.E., BCEE
Associate Vice President

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Attachment A

Manifest and Tonnage Table

HPS Crisp Road Non-conforming Loads Tonnage Report				
Tons	Loads			
195.06	8	Friday total non-conforming tons		
791.96	34	Monday total non-conforming tons		
987.02	42	Total tons of non-conforming loads		
Date	**Manifest**	**Ticket**	**Approval Code**	**Tons**
06/13/2014	1587869	962824	4212Y914327	21.46
06/13/2014	1587872	962828	4212Y914327	19.71
06/13/2014	1587871	962831	4212Y914327	26.36
06/13/2014	1587870	962832	4212Y914327	26.12
06/13/2014	1587873	962835	4212Y914327	25.79
06/13/2014	1587875	962836	4212Y914327	22.28
06/13/2014	1587874	962837	4212Y914327	27.02
06/13/2014	1587876	962839	4212Y914327	26.32
				195.06

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Date	Manifest	Ticket	Approval Code	Tons
06/16/2014	1587879	962949	4212Y914327	23.34
06/16/2014	1587878	962951	4212Y914327	22.77
06/16/2014	1587880	962952	4212Y914327	20.56
06/16/2014	1587877	962954	4212Y914327	22.48
06/16/2014	1587883	962957	4212Y914327	19.07
06/16/2014	1587885	962958	4212Y914327	24.80
06/16/2014	1587882	962959	4212Y914327	21.37
06/16/2014	1587884	962962	4212Y914327	18.54
06/16/2014	1587886	962966	4212Y914327	25.43
06/16/2014	1587888	962967	4212Y914327	26.68
06/16/2014	1587881	962968	4212Y914327	24.99
06/16/2014	1587887	962973	4212Y914327	25.81
06/16/2014	1587890	963013	4212Y914327	23.78
06/16/2014	1587889	963014	4212Y914327	22.73
06/16/2014	1587891	963018	4212Y914327	22.68
06/16/2014	1587893	963021	4212Y914327	22.64
06/16/2014	1587895	963025	4212Y914327	19.91
06/16/2014	1587892	963026	4212Y914327	24.95

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Date	Manifest	Ticket	Approval Code	Tons
06/16/2014	1587894	963027	4212Y914327	20.86
06/16/2014	1587896	963030	4212Y914327	25.39
06/16/2014	1587900	963048	4212Y914327	23.07
06/16/2014	1587901	963058	4212Y914327	23.68
06/16/2014	1587902	963059	4212Y914327	25.24
06/16/2014	1587899	963063	4212Y914327	23.14
06/16/2014	1587897	963066	4212Y914327	25.15
06/16/2014	1587898	963068	4212Y914327	24.86
06/16/2014	1587903	963070	4212Y914327	20.77
06/16/2014	1587904	963080	4212Y914327	24.70
06/16/2014	1587906	963084	4212Y914327	24.37
06/16/2014	1587905	963091	4212Y914327	23.22
06/16/2014	1587908	963094	4212Y914327	21.96
06/16/2014	1587909	963096	4212Y914327	24.87
06/16/2014	1587907	963097	4212Y914327	23.84
06/16/2014	1587910	963098	4212Y914327	24.31
				791.96

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Attachment B

Keller Canyon Corrective Action Plan (includes Curtis & Thompkins laboratory results)

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Imagine the result

Corrective Action Plan

Keller Canyon Landfill
June 20, 2014

ARCADIS

Rebecca Lindeman, P.E.
Principal Civil Engineer

James M. Nicely
Senior Construction Manager

Corrective Action Plan

Keller Canyon Landfill

Prepared by:
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Our Ref.:

Date:
June 20, 2014

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1. Introduction

ARCADIS U.S., Inc. (ARCADIS) has prepared this Corrective Action Plan (CCAP) to address the removal of lead impacted non-RCRA California hazardous (Cal Haz) soil rejected for disposal and staged for final removal at the Keller Canyon Landfill located in Pittsburg, California (Figure 1).

During a routine quality control (QC) check of shipping practices in support of ongoing waste transportation and disposal activities at a project site, ARCADIS discovered that 42 truckloads (approximately 1,000 tons) of lead impacted non-RCRA California hazardous soil were mistakenly transported to Keller Canyon Landfill (California Class II/non-hazardous waste disposal facility) on Friday June 13 and Monday, June 16, 2014. Upon discovering the mistake, Keller Canyon Landfill personnel were immediately notified and took steps to sequester the material and avoid utilizing the material within the landfill. The material in question was located on a prepared soil deck within the lined footprint of the landfill and had not been mixed or applied to the existing municipal solid waste cell. Table 1 contains a list of manifests and the associated tonnage of the sequestered waste. Appendix B presents the laboratory analytical results for the sequestered waste.

Keller Canyon Landfill Management personnel subsequently notified the Local Enforcement Agency (LEA), Contra Costa Environmental Health, and the Regional Water Quality Control Board (RWQCB). Additional best management practices (BMPs) and exclusionary measures, which include the placement of 10 millimeter polypropylene sheeting over the sequestered soil and placement of fiber rolls around the perimeter, were installed by ARCADIS on June 19, 2014. Appendix A presents a photo log of the sequestered soil stockpile at Keller Canyon Landfill.

2. Corrective Action Plan

2.1 Proposed Corrective Action Plan

ARCADIS will fully consolidate and remove non-conforming soils and immediately underlying materials rejected for disposal at the Keller Canyon Landfill. Soil will be removed via wheel loader and hydraulic excavator and loaded directly into end-dump trailers for transportation and disposal at Clean Harbors Buttonwillow Facility, an approved landfill facility. All trucks transporting the non-conforming soils will be weighed across Keller Canyon scales before leaving the facility. Soil samples will be collected from beneath the removal area to confirm that the non-conforming and potentially impacted materials have been removed to acceptable, pre-existing conditions.

Removed soils will be directly loaded in end dumps and transported to Clean Harbors' Button Willow Facility, a California approved Hazardous Waste landfill, for disposal. The total tonnage of soil will be recorded. The proposed work for the site will adhere to the methods, procedures, and protocols described in applicable project Health and Safety Plan (HASP). A sample Manifest for the soil is included as Appendix C.

2.2 Sampling and Analysis Plan

Upon the removal of the sequestered soil, five discrete surface soil samples will be collected from the footprint of the stockpile at a depth of 0 to 6 inches below ground surface (bgs) (Figure 2). Also, up to three discrete soil samples will be collected from similar depths in the adjoining roadway and soil slope area. The actual location/extent of the stockpile will be recorded using a hand-held Global Positioning System (GPS) and/or field measurements of dimensions and distances relative to available site landmarks. The specific soil sample location and depth will be recorded. Soil will be screened for elevated lead concentrations in the field with x-ray fluorescence (XRF) prior to collection of the confirmation samples.

If XRF results in the field indicate exceedances of 50 mg/kg total lead, 6 inches of soil will be removed in that area and the sampling field screening process will be repeated until all locations are below 50 mg/kg. One half of each final sample will be placed in laboratory-supplied containers, packed on ice, cooled to approximately four degrees Celsius (°C), and shipped under appropriate chain-of-custody protocols to Curtis and Thompkins in Berkeley, California. Samples will be analyzed for lead by USEPA Method SW6020. If results are greater than 50 mg/kg for total lead, a Soluble Threshold Limit Concentration (STLC) analysis will be requested to confirm the remaining material does not exceed the non-hazardous criteria of 5 mg/l.

3. Remedy Implementation

Upon approval of this CAP, ARCADIS will proceed with implementing the soil remedy. The following tasks are anticipated in order to implement this CAP:

3.1 Utility Location

ARCADIS understands there are no utilities in the stockpile area other than landfill gas collection infrastructure. Details of the landfill gas collection infrastructure will be provided by Keller Canyon and will be protected during the removal activities.

3.2 Dust Control – Best Management Practices

Activities have the potential to generate airborne dust. Dust control measures will follow appropriate BMPs including, but not limited to:

- Scrapping and loading activities will be suspended if visible dust is generated.
- Vehicles entering or exiting areas will travel at a speed that minimizes dust emissions, but not to exceed 15 mph.
- Water will be applied by means of trucks, hoses, and/or sprinklers prior to removal activities to minimize dust emissions.
- Water will be applied to disturbed areas as needed to keep working surfaces moist enough to minimize dust emissions.
- The disturbed work area will be sprayed with water at the end of the work shift to form a thin crust. This application will be in addition to water applied during the excavation work.
- Sequestered soil will be covered with heavy-duty plastic sheeting at the end of each work day. Covering will be in good condition and securely anchored.
- When not covered, soil surfaces will be kept visibly moist by water spray.

The objectives of these BMPs are to minimize generation and off-site migration of visible dust. In addition, the beds of trucks hauling soil and other loose material will be covered, and trucks and tires will be brushed off to minimize tracking of dirt onto site or public roads.

3.3 Equipment Decontamination-

Equipment used to load and manage the affected soil will be decontaminated prior to traveling beyond the exclusion zone. The equipment will be cleaned primarily by sweeping or brushing to remove visible soil. Soil that cannot be removed by this procedure will be removed from equipment by washing in a prepared containment area. The area will consist of a bermed containment pad constructed using plastic sheeting to provide containment of wash water. Wash water will be collected, characterized, and appropriately disposed of or recycled in accordance with applicable federal, state, and local requirements.

3.4 Soil Disposal

Soil has been characterized and profiled as non-RCRA California hazardous waste. The material will be transported to Clean Harbors Buttonwillow Facility, an approved licensed facility under proper manifesting procedures.

4. Reporting

Upon completion of the work described in this CAP, ARCADIS will prepare a brief letter report documenting filed activities. The Corrective Action Implementation letter report will include, soil sample locations and soil analytical results from the confirmation samples, photographic documentation of field activities, total tonnage of soil removed, and other relevant field data.

5. Schedule

Upon receiving approval to proceed with the CAP, ARCADIS will mobilize to the site within two business days and anticipates completing initial removal within the course of one week. Bottom samples will be collected during removal activities to confirm removal goals are met. ARCADIS will provide the Corrective Action Implementation letter report within two week of receipt of laboratory analytical results and waste manifests.

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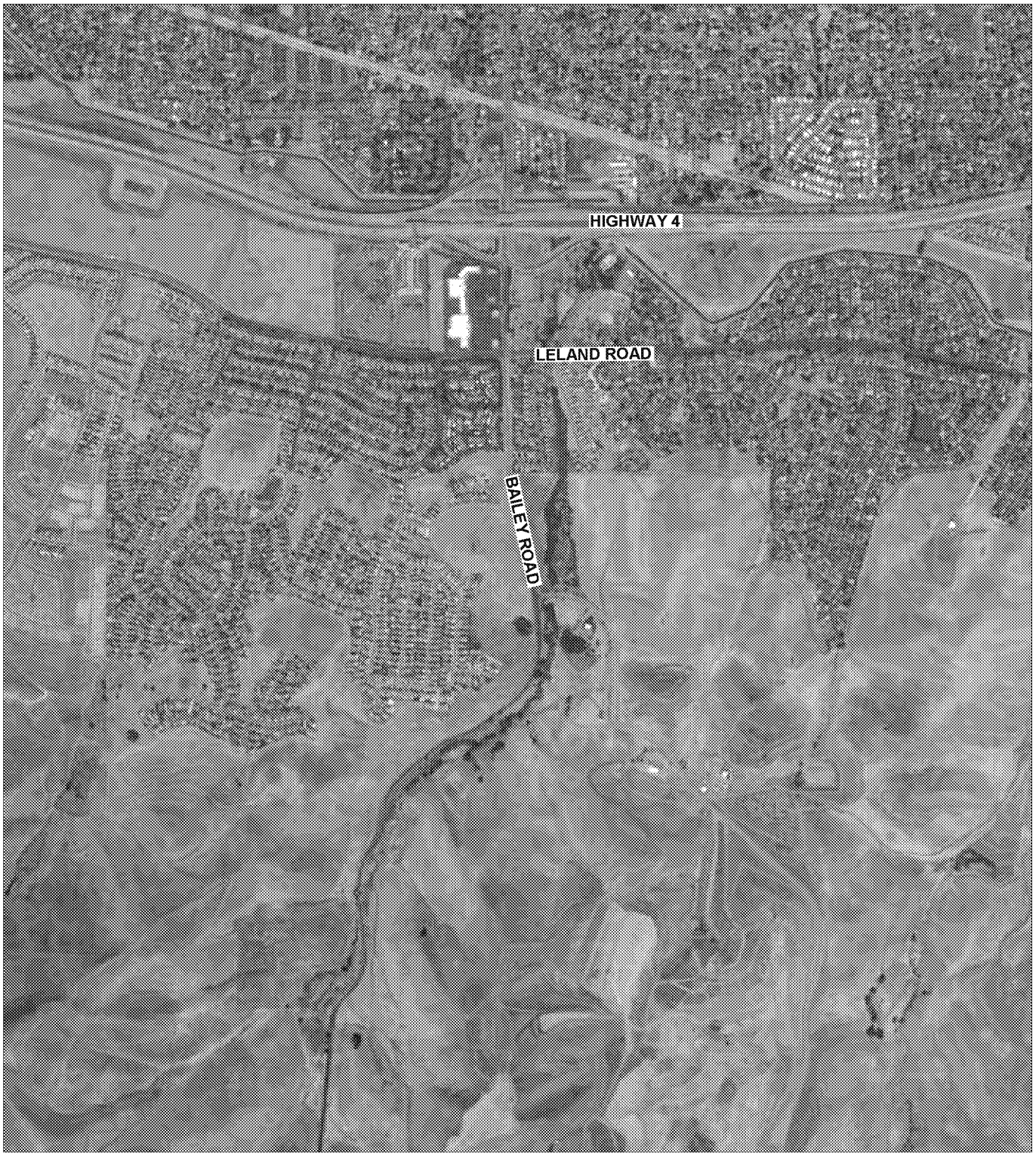
Figures



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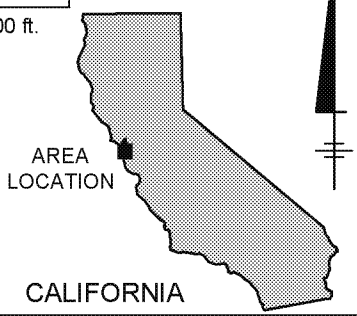

CORRECTIVE ACTION PLAN
KELLER CANYON LANDFILL
901 BAILEY ROAD
BAY POINT, CALIFORNIA

SITE LOCATION MAP

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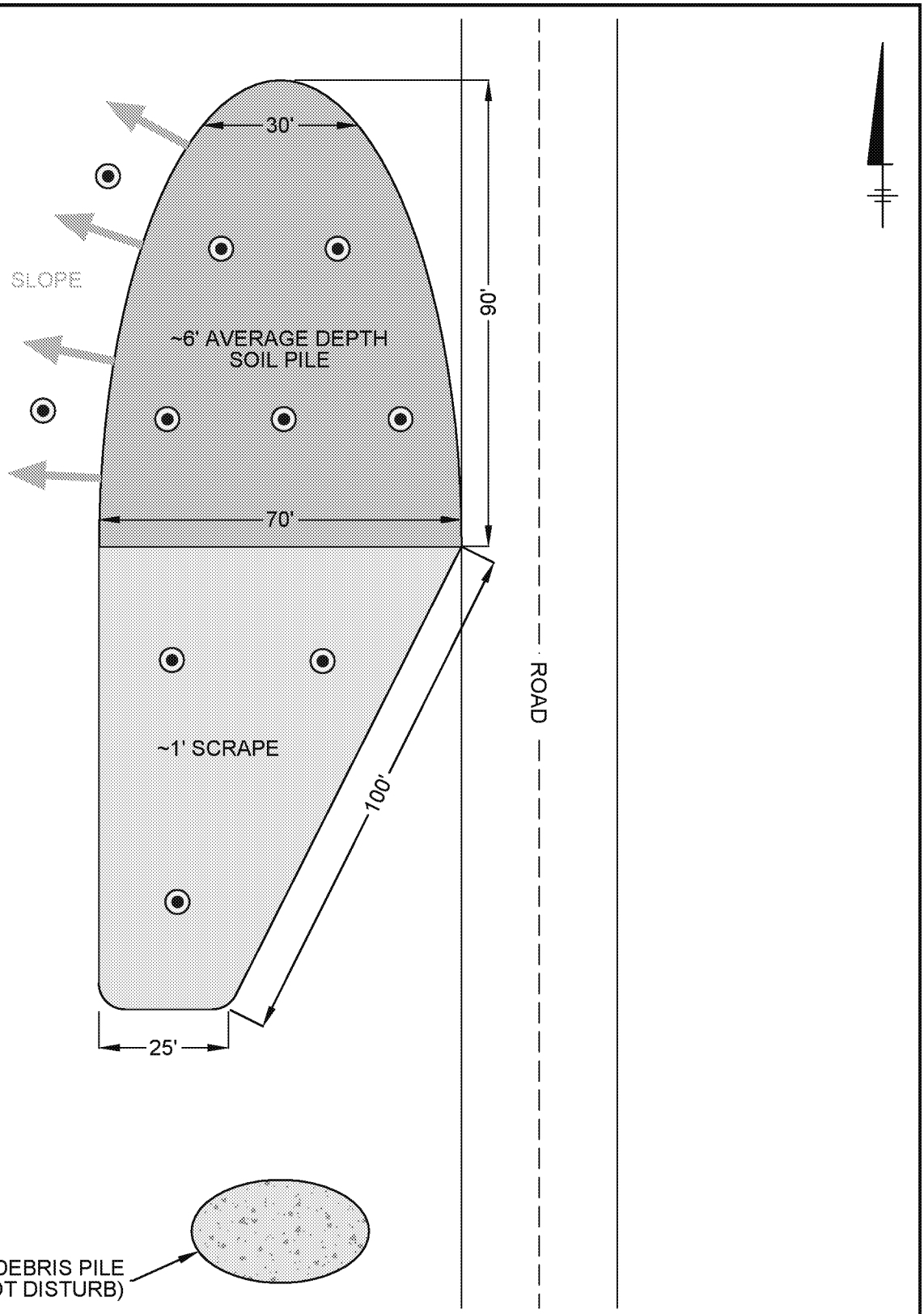
FIGURE
1



NOTES:

1. ◉ = SAMPLE POINT
2. WADDLES INSTALLED AROUND PERIMETER, PILE COVERED.
3. NOT TO SCALE.

CORRECTIVE ACTION PLAN
KELLER CANYON LANDFILL
901 BAILEY ROAD
BAY POINT, CALIFORNIA

PILE DIMENSIONS AND SAMPLE LOCATIONS

ARCADIS

FIGURE
2

ARCADIS

Appendix A

Photo log of Keller Canyon
Sequestered Soil

ARCADIS

PHOTOGRAPHIC LOG

Project Name:	Site Location:	Date: 6/19/14
Corrective Action Plan	Keller Canyon Landfill	Photographed By: Scott Campbell

Photo No. 1

Direction Photo Taken:

Photo looking South towards pile.

Description:

Photograph of sequestered soil pile covered with polypropylene sheet and exclusionary fencing.

Photo No. 2

Direction Photo Taken:

Photo looking North towards pile and adjoining area.

Description:

.
Photograph of sequestered soil pile covered with polypropylene sheet and exclusionary fencing. Includes initial staging area South of the main pile.

ARCADIS

PHOTOGRAPHIC LOG

Project Name:	**Site Location:**	**Date:** 6/18/14
Corrective Action Plan	Keller Canyon Landfill	**Photographed By:** Rebecca Lindeman

Photo No. **3**

Direction Photo Taken:

Photo looking North towards pile and adjoining area.

Description:

Photograph of sequestered soil pile covered with polypropylene sheet and exclusionary fencing. Includes initial staging area South of the main pile.

Photo No. **4**

Direction Photo Taken:

Photo looking West towards pile and adjoining area.

Description:

Photograph of sequestered soil pile covered with polypropylene sheet and exclusionary fencing and BMPs.

ARCADIS

Appendix B

Laboratory Analytical Results for Waste Profile


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 254695
ANALYTICAL REPORT

Arcadis
2000 Powell St
Emeryville, CA 94608

Project : HPS METAL REEF
Location : Crisp Road
Level : II

Sample ID	Lab ID
CR COMP A (1-4)	254695-001
CR COMP B (1-4)	254695-002
CR COMP C (1-4)	254695-003
CR COMP D (1-4)	254695-004
CR COMP E (1-4)	254695-005
CR COMP F (1-4)	254695-006
CR COMP G (1-4)	254695-007
CR COMP H (1-4)	254695-008
CR COMP I (1-4)	254695-009

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: Will Rice Date: 04/02/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CA ELAP# 2896, NELAP# 4044-001

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	254695
Client:	Arcadis
Project:	HPS METAL REEF
Location:	Crisp Road
Request Date:	03/19/14
Samples Received:	03/19/14

This data package contains sample and QC results for nine soil samples, requested for the above referenced project on 03/19/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
Many samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
Low surrogate recovery was observed for dibromofluoromethane in CR COMP H (1-4) (lab # 254695-008). No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
Low recoveries were observed for a number of analytes in the MS/MSD of IR68 COMP1A,B,C,D (lab # 254692-001); the LCS was within limits, and the associated RPDs were within limits. Low surrogate recoveries were observed for 2,4,6-tribromophenol in CR COMP H (1-4) (lab # 254695-008) and the MS/MSD of IR68 COMP1A,B,C,D (lab # 254692-001). Low surrogate recoveries were observed for 2-fluorophenol in the MS/MSD of IR68 COMP1A,B,C,D (lab # 254692-001). No other analytical problems were encountered.

PCBs (EPA 8082):
All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:
High recoveries were observed for copper and zinc in the MS/MSD for batch 209213; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits. High recoveries were observed for mercury in the MS/MSD for batch 209390; the parent sample was not a project sample, and the BS/BSD were within limits. Responses exceeding the instrument's linear range were observed for mercury in the MS/MSD for batch 209390; affected data was qualified with "b". No other analytical problems were encountered.

Metals (EPA 6010B) TCLP Leachate:
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	254695
Client:	Arcadis
Project:	HPS METAL REEF
Location:	Crisp Road
Request Date:	03/19/14
Samples Received:	03/19/14

Metals (EPA 6010B) WET Leachate:

No analytical problems were encountered.

Subject: FW: HPS METAL REEF - C&T Reports (254695)
From: "Morris, Scott" <Scott.Morris@arcadis-us.com>
Date: 3/27/2014 7:11 AM
To: "mike.dahlquist@ctberk.com" <mike.dahlquist@ctberk.com>
CC: "Will Rice (will.rice@ctberk.com)" <will.rice@ctberk.com>, "tracy.babjar@ctberk.com" <tracy.babjar@ctberk.com>, "Kelly Graser (kgraser@btienvironmental.com)" <kgraser@btienvironmental.com>

Mike (or Will, or Tracy), please see note below from Kelly, regarding the STLC we are still looking for. Let us know when we might be seeing these results. Thanks, Scott

---

From: Kelly Graser [mailto:kgraser@btienvironmental.com]
Sent: Thursday, March 27, 2014 6:41 AM
To: Morris, Scott
Cc: Brad Bonner
Subject: RE: HPS METAL REEF - C&T Reports (254695)

Scott, That set of analysis was for the stockpiles along Crisp Road. Those stockpiles did not have any analysis, so a full suite was run. Please make sure the lab has started the analysis below for the metals identified.

For lab report 254695, the following STLCs/TCLPs are needed
CR Comp B(1-4) – STLC chromium
CR Comp C(1-4) – STLC chromium and lead
CR Comp E(1-4) - STLC chromium and lead, TCLP lead
CR Comp F(1-4) - STLC chromium and lead
CR Comp G(1-4)- STLC lead
CR Comp H(1-4) -STLC chromium and lead
CR Comp I(1-4) -STLC chromium
We also need the lab signature page for this report.

I know it looks like a long list, but the results are very promising. I expect these to fall into the categories of non-hazardous and non-RCRA.

Kelly Graser
Bradley Tanks, Inc
Technical Compliance Manager
510-207-9927

From: Morris, Scott [mailto:Scott.Morris@arcadis-us.com]
Sent: Wednesday, March 26, 2014 9:40 PM
To: Kelly Graser
Subject: FW: HPS METAL REEF - C&T Reports (254695)

FYI

From: Mike J. Dahlquist [mailto:mike.dahlquist@ctberk.com]
Sent: Wednesday, March 26, 2014 5:55 PM
To: Morris, Scott
Subject: HPS METAL REEF - C&T Reports (254695)

Hi Scott. Attached is a PDF version of the reports for C&T job 254695. Please let us know if you would like any TCLP or STLC extractions performed and what you'd like them analyzed for.

C&T sends its e-reports via the Internet as Portable Document Format (PDF) files. Reports in this format, when accompanied by a signed cover page, are considered official reports. **No hardcopy reports will be sent either by fax or U.S. Postal Service unless otherwise requested.** You may distribute your PDF files electronically or as printed hardcopies, as long as they are distributed in their entirety.

Email compiled and sent 03/26/14 05:54 PM.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

CHAIN OF CUSTODY

Chain of Custody # : _____

C&T LOGIN # 254145

Project No: Crisp Road
Project Name: HPS / Crisp
EDD Format: _____ **Rpt Level:** ✓ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH 5-Day TAT ✓ Standard

Sampler: D. Wong
Report To: Scott Morris
Company : ARCADIS
Telephone: (516) 592-9355
Email: Scott.Morris@arcadis-us.com

Lab No.	Sample ID.	Sampling		Matrix			# of Containers	Chemical Preservative					Analytical Request																
		Date	Time	Water	Soil			HCl	H_2SO_4	HNO_3	NaOH	None	8015B TPH Gas, Diesel and Motor Oil	8260 VOCs	8270 SVOCs	CAM 17 Metals	PCBs 8082	TCLP/STLC if TTLC over limits*	STLC Chromium	STLC Lead	STLC Nickel	STLC Mercury	STLC Copper	TCLP Chrome	TCLP Lead	TCLP Mercury		
1	CR Comp A (1-4)	3/19/2014	11:13		X		1						X	X	X	X	X	X										
2	CR Comp B (1-4)	3/19/2014	11:16		X		1						X	X	X	X	X	X										
3	CR Comp C (1-4)	3/19/2014	11:18		X		1						X	X	X	X	X	X										
4	CR Comp D (1-4)	3/19/2014	11:21		X		1						X	X	X	X	X	X										
5	CR Comp E (1-4)	3/19/2014	11:24		X		1						X	X	X	X	X	X										
6	CR Comp F (1-4)	3/19/2014	11:28		X		1						X	X	X	X	X	X										
7	CR Comp G (1-4)	3/19/2014	11:31		X		1						X	X	X	X	X	X										
8	CR Comp H (1-4)	3/19/2014	11:35		X		1						X	X	X	X	X	X										
9	CR Comp I (1-4)	3/19/2014	11:41		X		1						X	X	X	X	X	X										

Notes: *If TTLC results above action levels, please run TCLP/STLC

SAMPLE RECEIPT
☐ Intact ☐ Cold
☐ On Ice ☐ Ambient

RELINQUISHED BY:

[signature] 3-19-14 5:44	DATE/TIME
	DATE/TIME
	DATE/TIME

RECEIVED BY:

[signature] 3-19-14 5:44	DATE/TIME
	DATE/TIME
	DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 234695 Date Received 3/19/14 Number of coolers 2
Client Arcadis Project Crisp Road

Date Opened 3/19 By (print) [illegible] (sign) [illegible]
Date Logged in [illegible] By (print) [illegible] (sign) [illegible]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
Shipping info _____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☑ NO
How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO N/A
3. Were custody papers dry and intact when received? _____ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO
6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☐ Foam blocks ☐ Bags ☑ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None Temp(°C) _____

☒ Samples Received on ice & cold without a temperature blank; ~~temp. taken with IR gun~~

☒ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ YES NO
10. Are there any missing / extra samples? _____ YES NO
11. Are samples in the appropriate containers for indicated tests? _____ YES NO
12. Are sample labels present, in good condition and complete? _____ YES NO
13. Do the sample labels agree with custody papers? _____ YES NO
14. Was sufficient amount of sample sent for tests requested? _____ YES NO
15. Are the samples appropriately preserved? _____ YES NO N/A
16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
17. Did you document your preservative check? _____ YES NO N/A
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A
20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES NO
If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10, 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	209184
Units:	mg/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000	Analyzed:	03/20/14

Field ID: CR COMP A (1-4) Lab ID: 254695-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.93

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	67-137

Field ID: CR COMP B (1-4) Lab ID: 254695-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.92

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	67-137

Field ID: CR COMP C (1-4) Lab ID: 254695-003
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	67-137

Field ID: CR COMP D (1-4) Lab ID: 254695-004
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	67-137

Field ID: CR COMP E (1-4) Lab ID: 254695-005
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	67-137

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	209184
Units:	mg/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000	Analyzed:	03/20/14

Field ID: CR COMP F (1-4) Lab ID: 254695-006
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.96

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	67-137

Field ID: CR COMP G (1-4) Lab ID: 254695-007
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	67-137

Field ID: CR COMP H (1-4) Lab ID: 254695-008
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	67-137

Field ID: CR COMP I (1-4) Lab ID: 254695-009
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	67-137

Type: BLANK Lab ID: QC732597

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	67-137

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Field ID:	CR COMP E (1-4)	Diln Fac:	1.000
MSS Lab ID:	254695-005	Batch#:	209184
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/21/14

Type: MS Lab ID: QC732594

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<0.05617	10.10	7.503	74	42-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	67-137

Type: MSD Lab ID: QC732595

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.64	7.890	74	42-120	0	44

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	67-137

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC732596	Batch#:	209184
Matrix:	Soil	Analyzed:	03/20/14
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.117	112	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	67-137

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14
Basis:	as received	Prepared:	03/20/14
Batch#:	209211	Analyzed:	03/21/14

Field ID: CR COMP A (1-4) Lab ID: 254695-001
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	3.2 Y	0.99
Motor Oil C24-C36	18	5.0

Surrogate	%REC	Limits
o-Terphenyl	117	64-136

Field ID: CR COMP B (1-4) Lab ID: 254695-002
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	6.1 Y	1.0
Motor Oil C24-C36	30	5.0

Surrogate	%REC	Limits
o-Terphenyl	116	64-136

Field ID: CR COMP C (1-4) Lab ID: 254695-003
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	21 Y	5.0
Motor Oil C24-C36	89	25

Surrogate	%REC	Limits
o-Terphenyl	120	64-136

Field ID: CR COMP D (1-4) Lab ID: 254695-004
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	5.1 Y	1.0
Motor Oil C24-C36	23	5.0

Surrogate	%REC	Limits
o-Terphenyl	118	64-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14
Basis:	as received	Prepared:	03/20/14
Batch#:	209211	Analyzed:	03/21/14

Field ID: CR COMP E (1-4) Lab ID: 254695-005
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	9.8 Y	5.0
Motor Oil C24-C36	93	25

Surrogate	%REC	Limits
o-Terphenyl	115	64-136

Field ID: CR COMP F (1-4) Lab ID: 254695-006
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	6.8 Y	5.0
Motor Oil C24-C36	74	25

Surrogate	%REC	Limits
o-Terphenyl	118	64-136

Field ID: CR COMP G (1-4) Lab ID: 254695-007
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	6.8 Y	5.0
Motor Oil C24-C36	71	25

Surrogate	%REC	Limits
o-Terphenyl	84	64-136

Field ID: CR COMP H (1-4) Lab ID: 254695-008
Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	11 Y	5.0
Motor Oil C24-C36	63	25

Surrogate	%REC	Limits
o-Terphenyl	113	64-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14
Basis:	as received	Prepared:	03/20/14
Batch#:	209211	Analyzed:	03/21/14

Field ID:	CR COMP I (1-4)	Lab ID:	254695-009
Type:	SAMPLE	Diln Fac:	5.000

Analyte	Result	RL
Diesel C10-C24	5.1 Y	5.0
Motor Oil C24-C36	55	25

Surrogate	%REC	Limits
o-Terphenyl	110	64-136

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732733		

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	110	64-136

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC732734	Batch#:	209211
Matrix:	Soil	Prepared:	03/20/14
Units:	mg/Kg	Analyzed:	03/21/14

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.73	53.57	108	61-132

Surrogate	%REC	Limits
o-Terphenyl	115	64-136

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8015B
Field ID:	SP600 COMP (1-4)	Batch#:	209211
MSS Lab ID:	254693-001	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	mg/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	5.000		

Type: MS Lab ID: QC732735

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	18.50	49.52	67.98	100	40-146

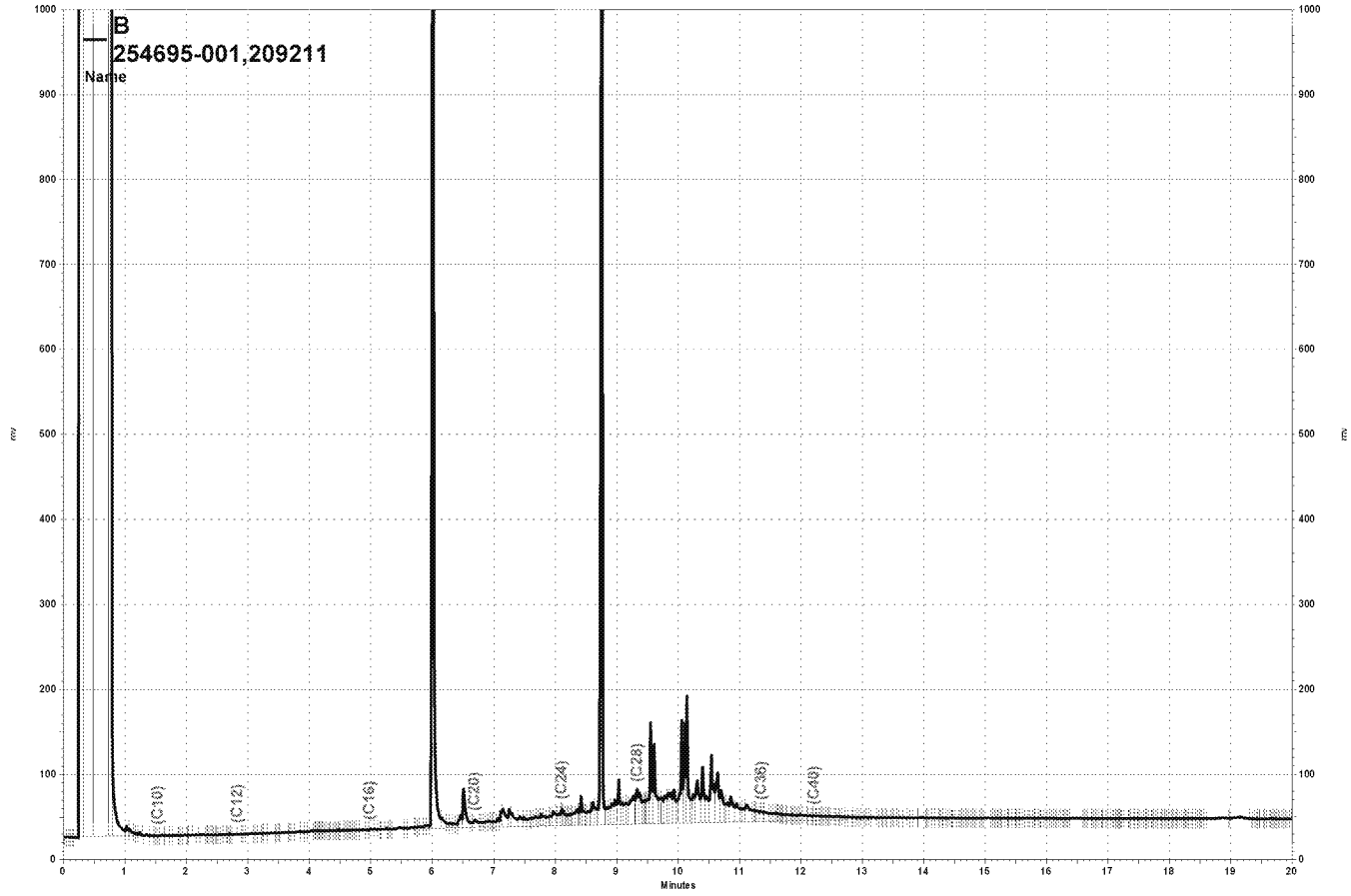
Surrogate	%REC	Limits
o-Terphenyl	115	64-136

Type: MSD Lab ID: QC732736

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.93	53.71	71	40-146	24	56

Surrogate	%REC	Limits
o-Terphenyl	118	64-136

RPD= Relative Percent Difference



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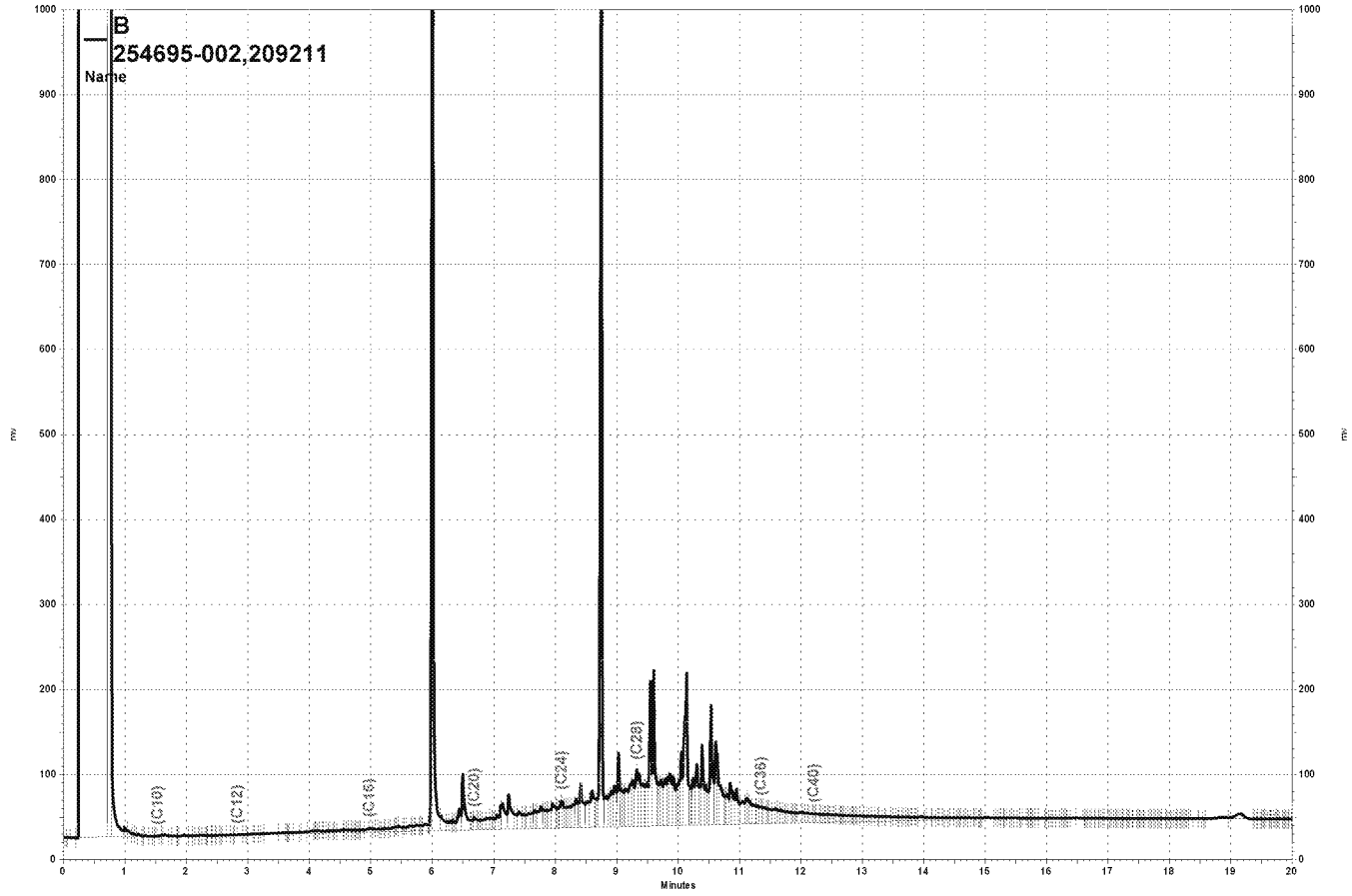

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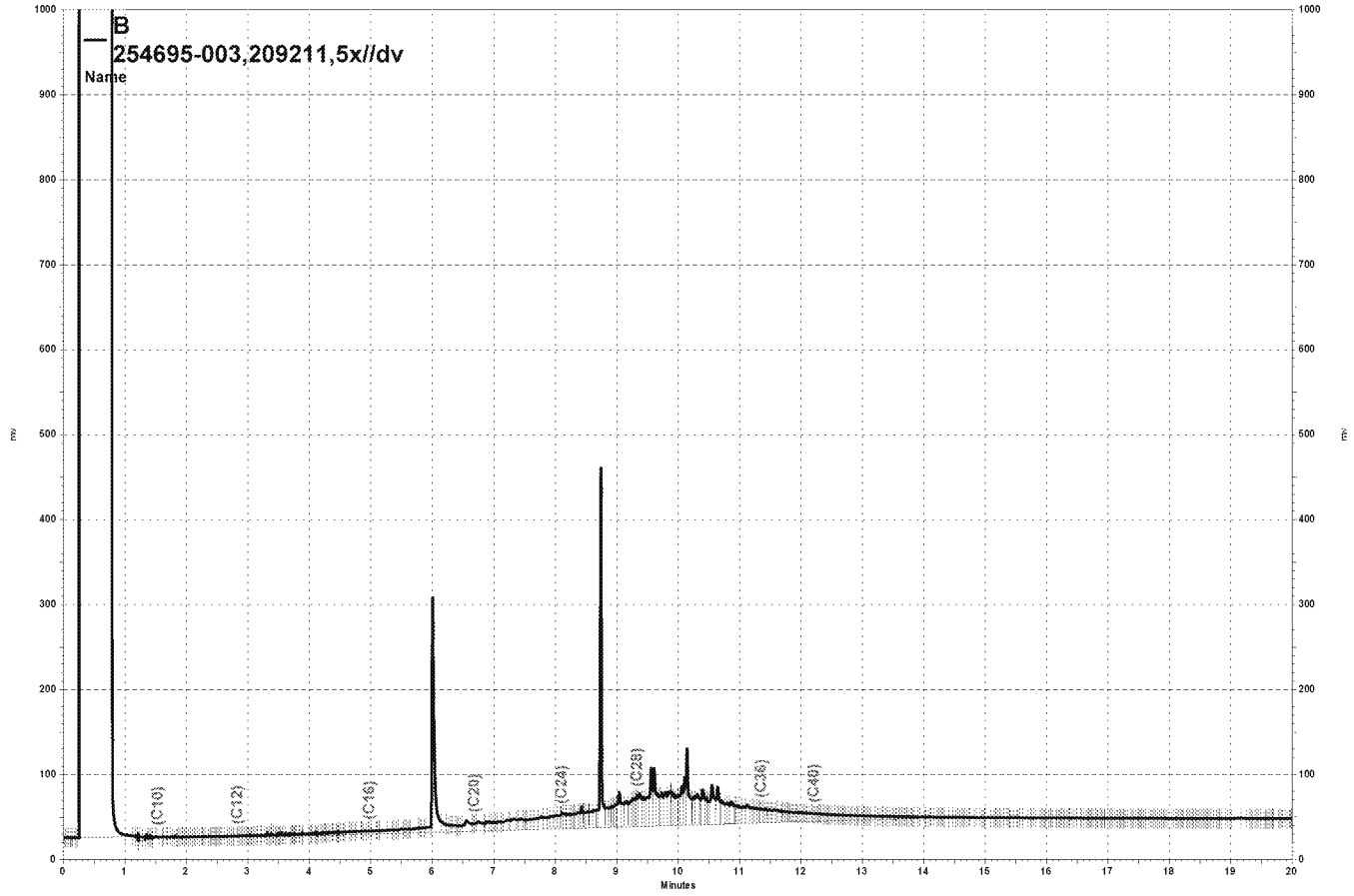

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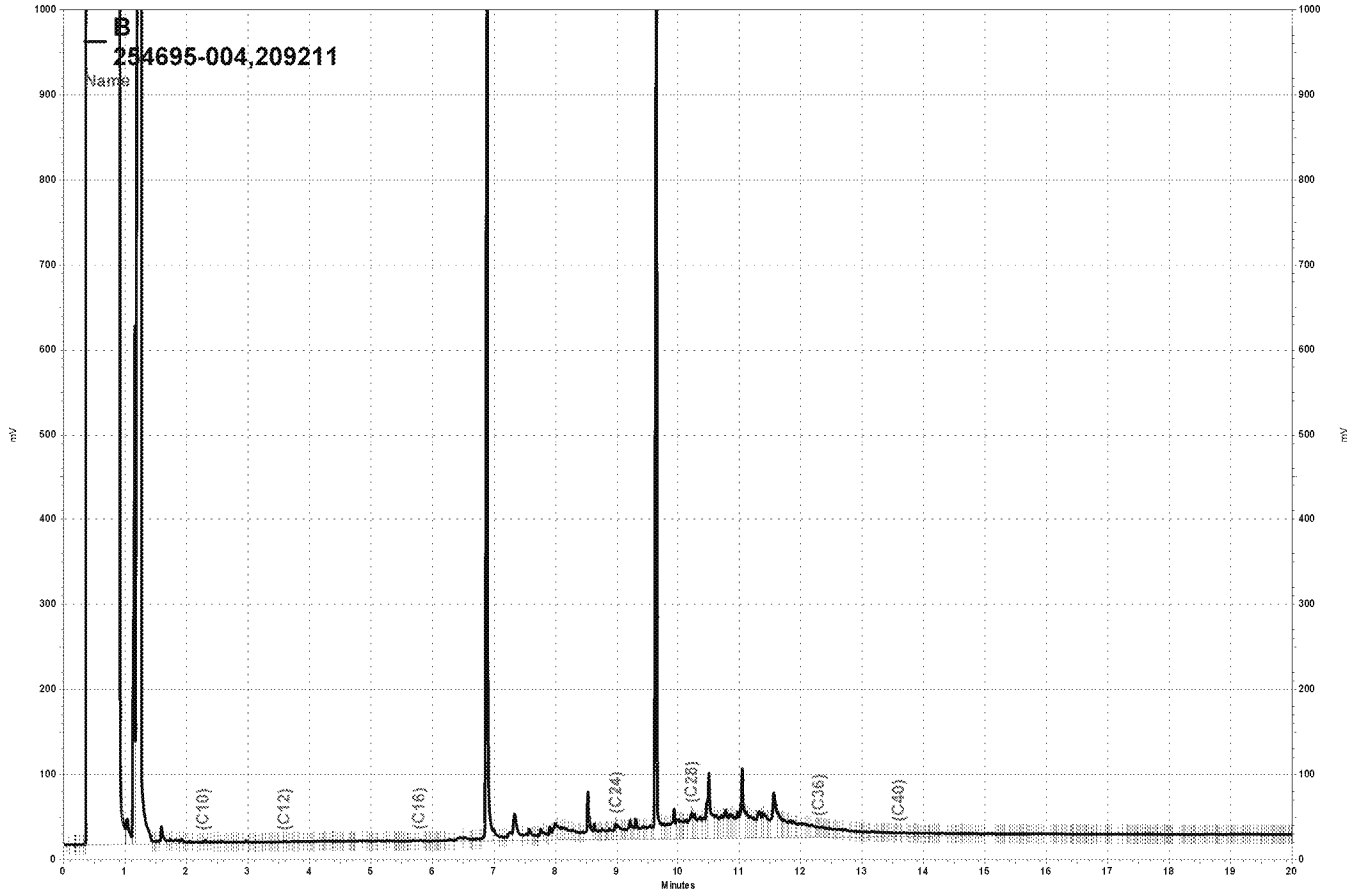

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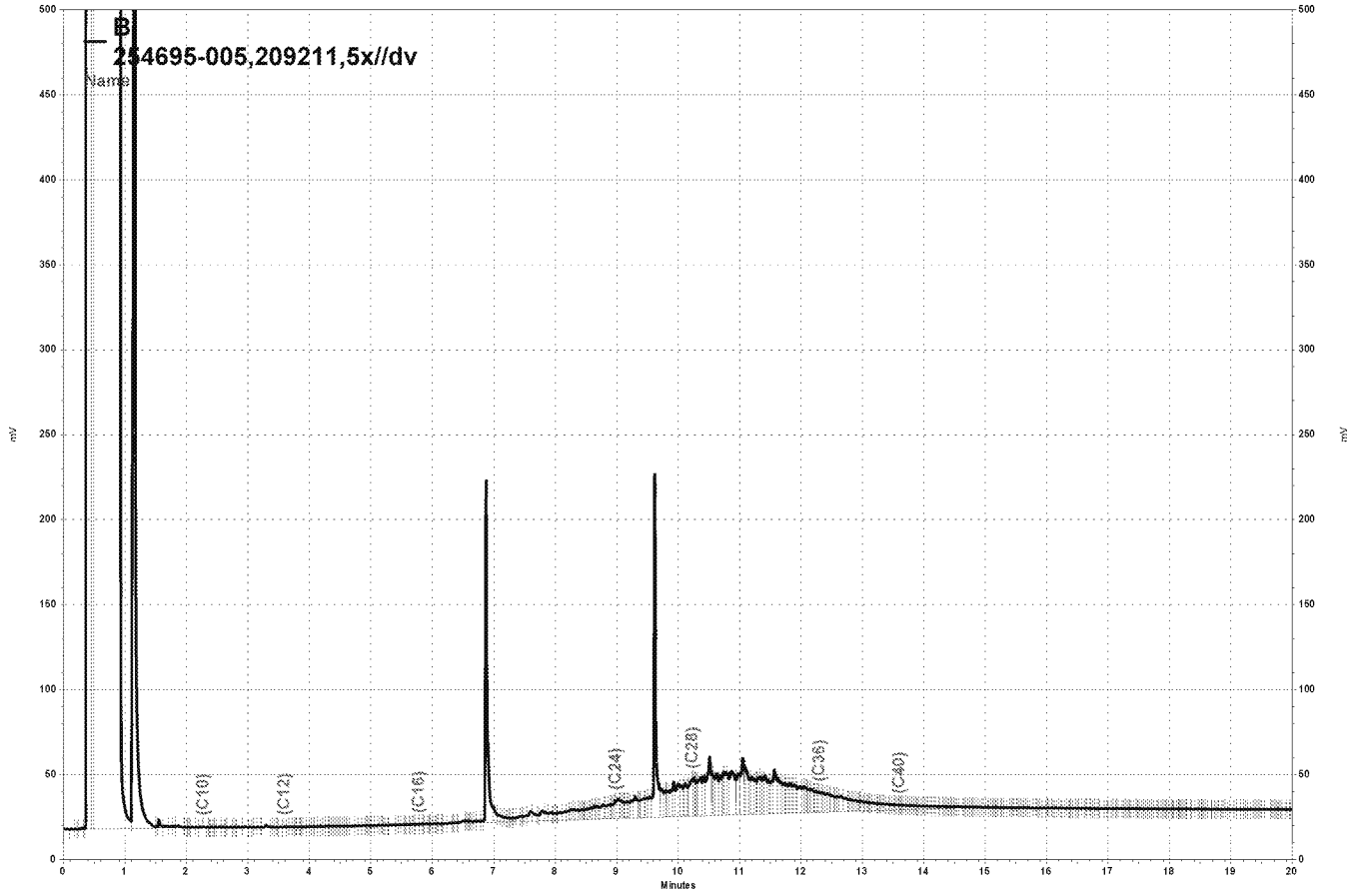

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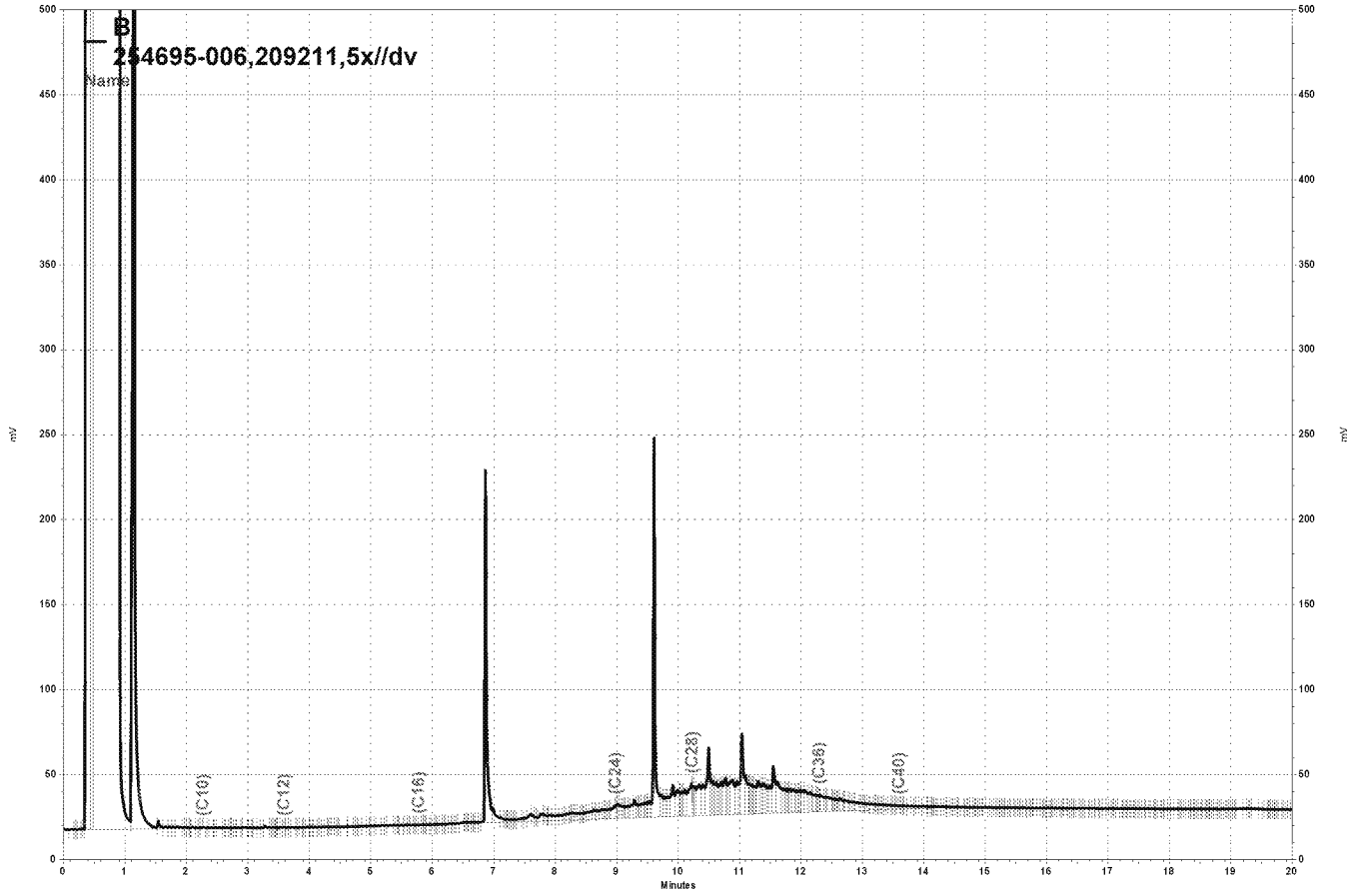

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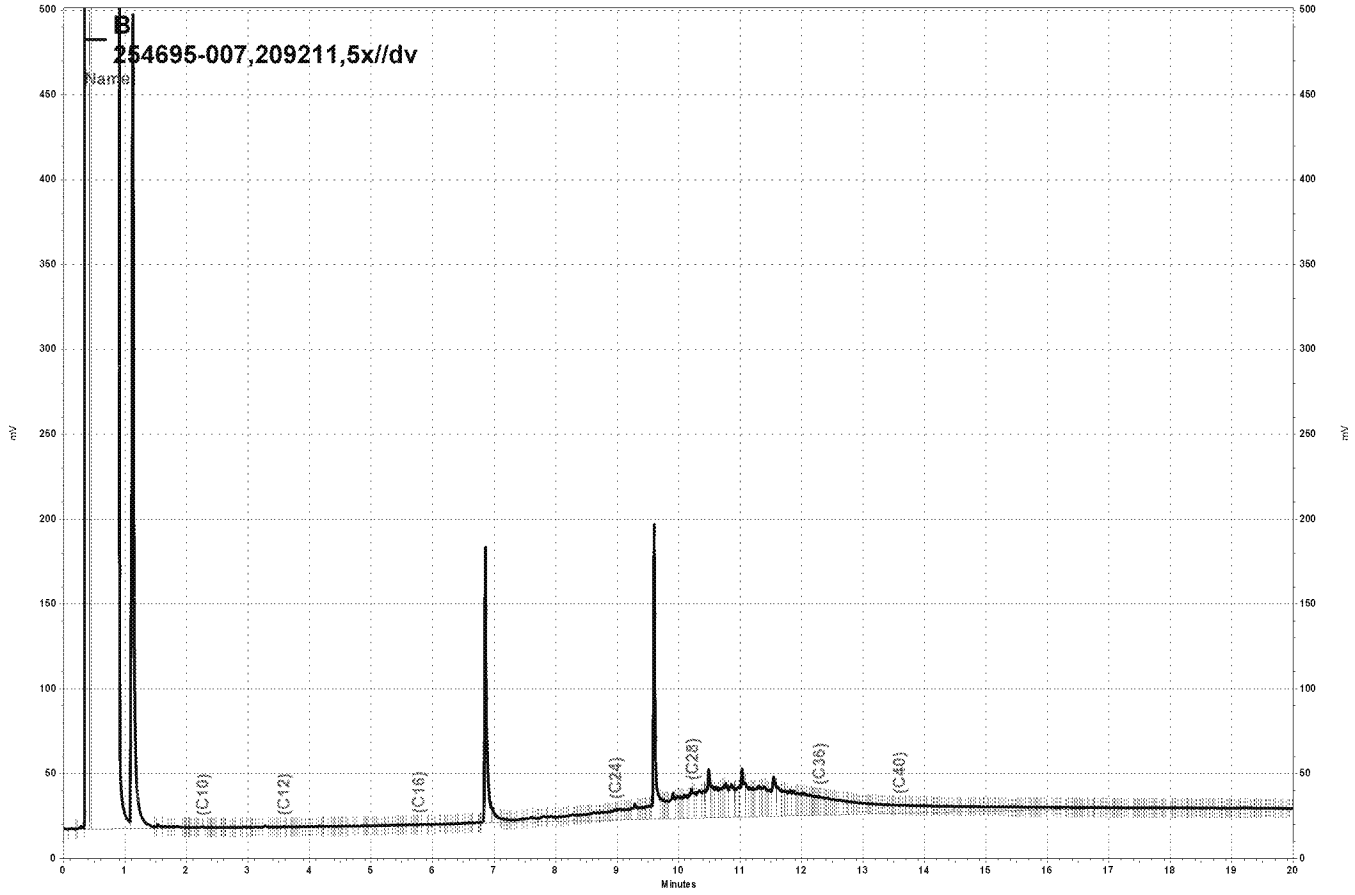

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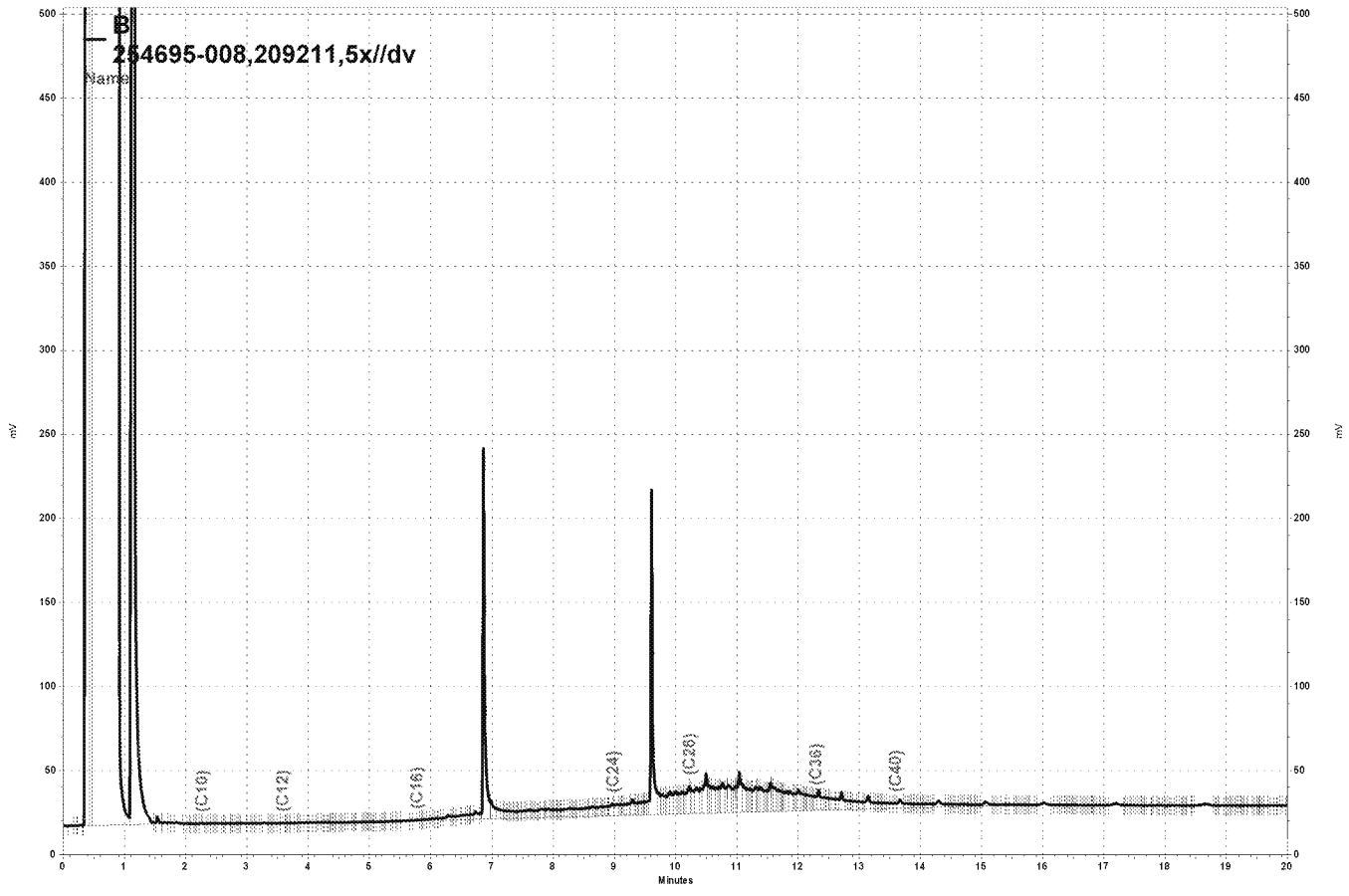

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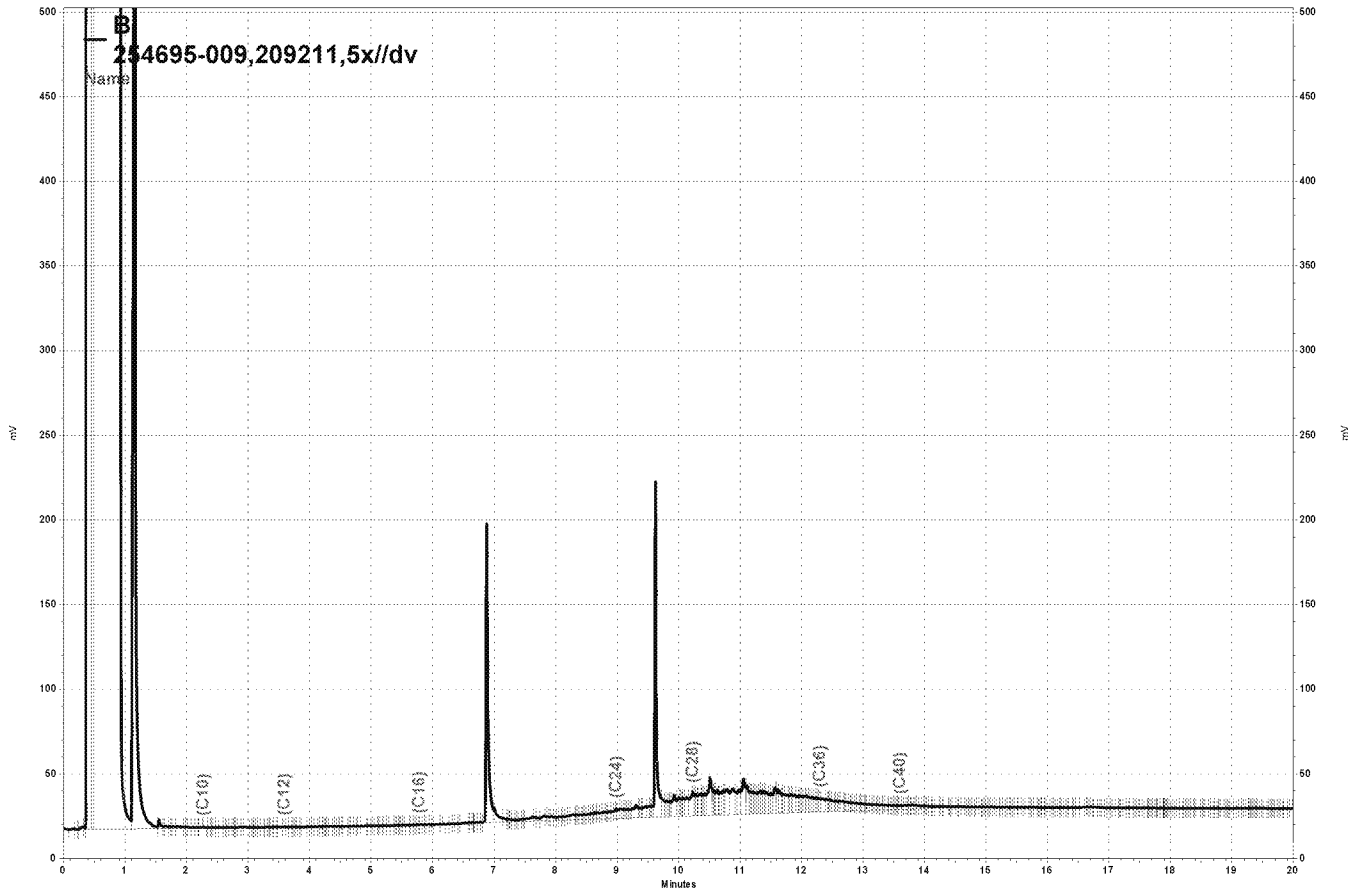

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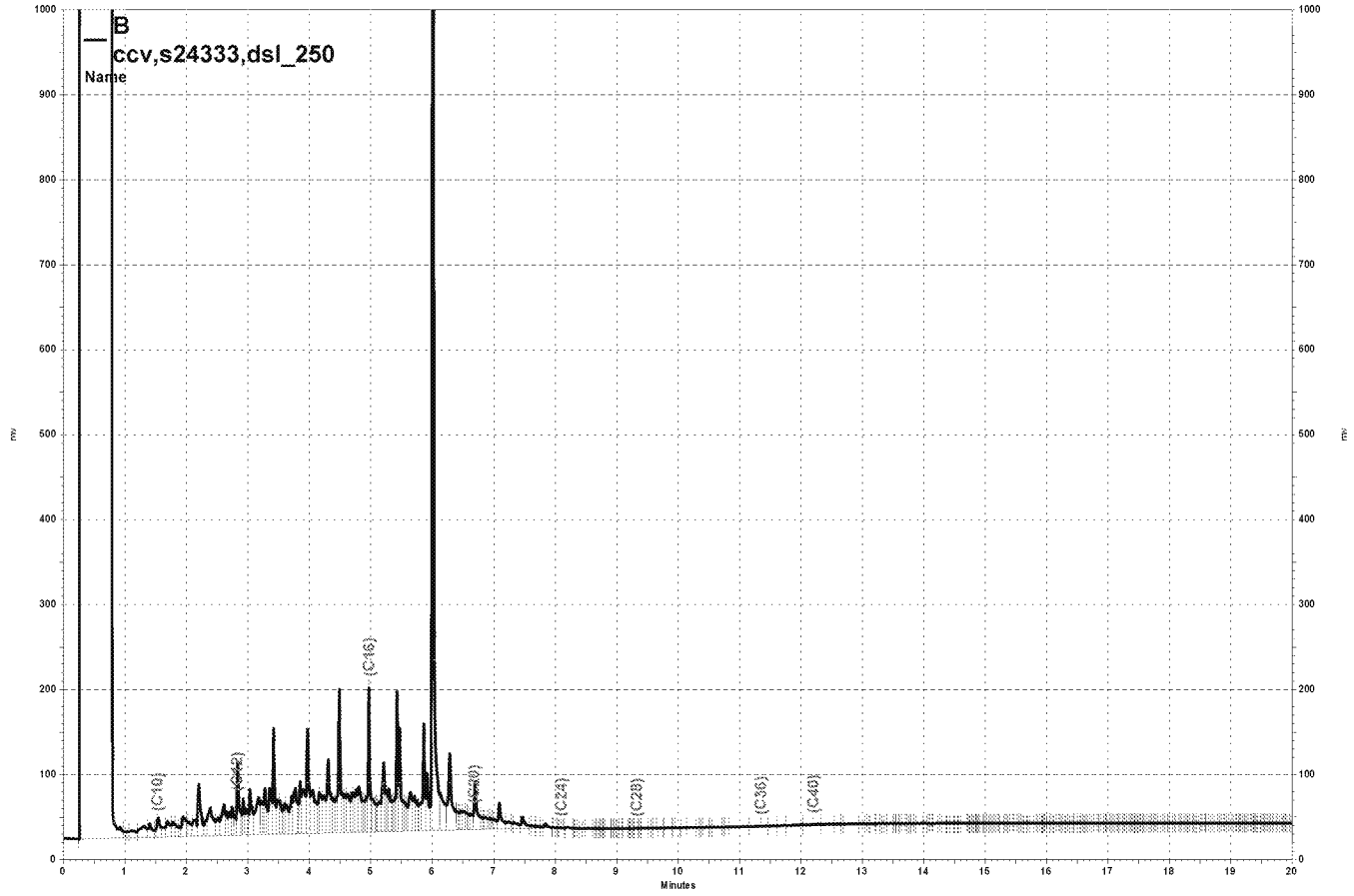

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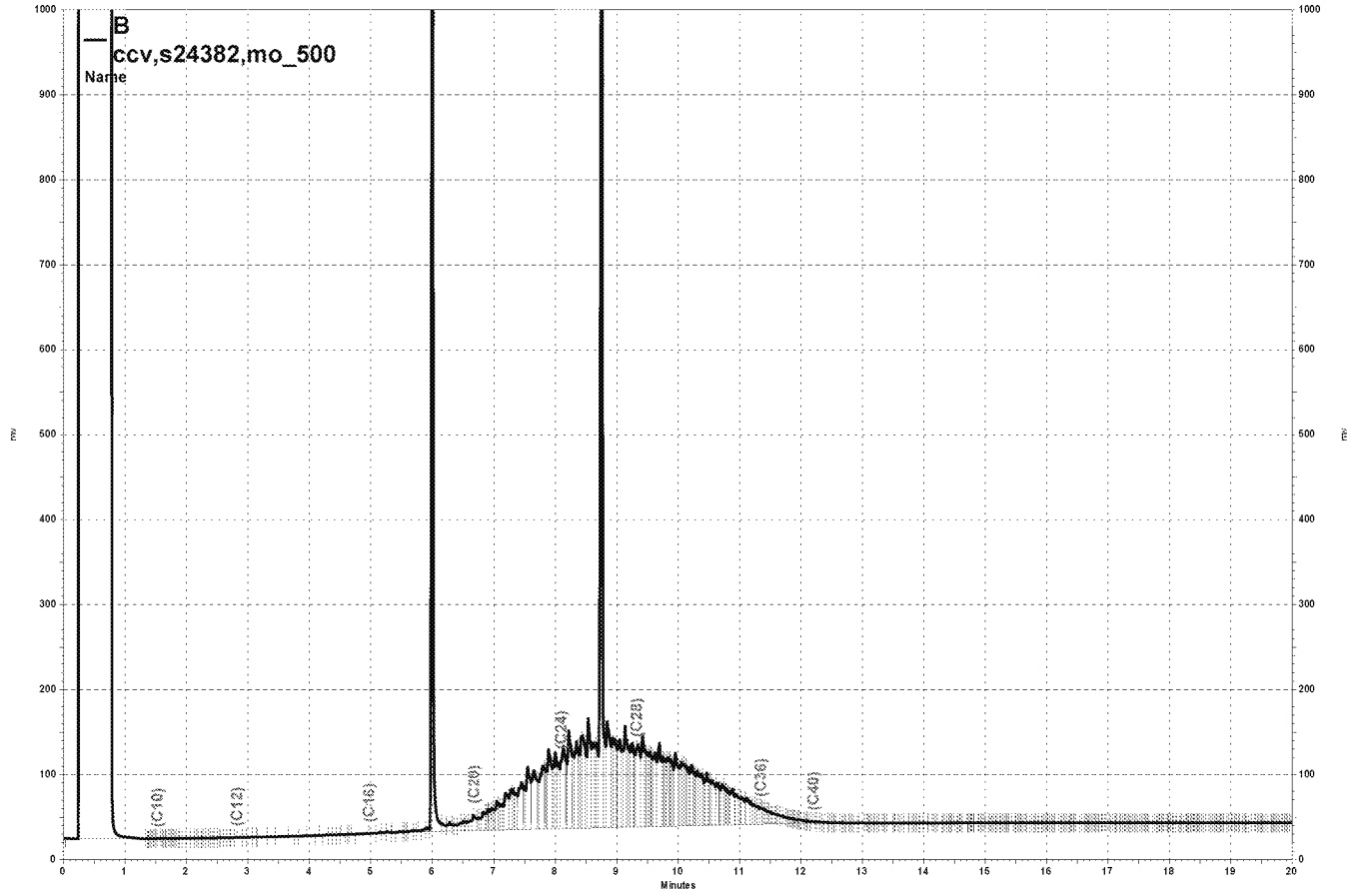

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Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP A (1-4)	Diln Fac:	0.9597
Lab ID:	254695-001	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP A (1-4)	Diln Fac:	0.9597
Lab ID:	254695-001	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	106	76-128
1,2-Dichloroethane-d4	113	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	101	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP B (1-4)	Diln Fac:	0.9901
Lab ID:	254695-002	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP B (1-4)	Diln Fac:	0.9901
Lab ID:	254695-002	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	107	76-128
1,2-Dichloroethane-d4	113	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP C (1-4)	Diln Fac:	0.9488
Lab ID:	254695-003	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP C (1-4)	Diln Fac:	0.9488
Lab ID:	254695-003	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	109	76-128
1,2-Dichloroethane-d4	114	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP D (1-4)	Diln Fac:	0.9542
Lab ID:	254695-004	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.5
Chloromethane	ND	9.5
Vinyl Chloride	ND	9.5
Bromomethane	ND	9.5
Chloroethane	ND	9.5
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.5
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.5
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.5
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP D (1-4)	Diln Fac:	0.9542
Lab ID:	254695-004	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	108	76-128
1,2-Dichloroethane-d4	114	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP E (1-4)	Diln Fac:	0.9785
Lab ID:	254695-005	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP E (1-4)	Diln Fac:	0.9785
Lab ID:	254695-005	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	109	76-128
1,2-Dichloroethane-d4	117	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP F (1-4)	Diln Fac:	0.9259
Lab ID:	254695-006	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP F (1-4)	Diln Fac:	0.9259
Lab ID:	254695-006	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	108	76-128
1,2-Dichloroethane-d4	115	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	99	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP G (1-4)	Diln Fac:	0.9690
Lab ID:	254695-007	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP G (1-4)	Diln Fac:	0.9690
Lab ID:	254695-007	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	107	76-128
1,2-Dichloroethane-d4	117	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	101	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP H (1-4)	Diln Fac:	0.9823
Lab ID:	254695-008	Batch#:	209215
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/21/14

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	39	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP H (1-4)	Diln Fac:	0.9823
Lab ID:	254695-008	Batch#:	209215
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/21/14

Analyte	Result	RL
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	41 *	76-128
1,2-Dichloroethane-d4	121	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	100	79-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP I (1-4)	Diln Fac:	0.9560
Lab ID:	254695-009	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP I (1-4)	Diln Fac:	0.9560
Lab ID:	254695-009	Batch#:	209167
Matrix:	Soil	Sampled:	03/19/14
Units:	ug/Kg	Received:	03/19/14
Basis:	as received	Analyzed:	03/20/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	106	76-128
1,2-Dichloroethane-d4	116	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	101	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC732525	Batch#:	209167
Matrix:	Soil	Analyzed:	03/20/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.51	94	68-135
Benzene	25.00	24.88	100	80-127
Trichloroethene	25.00	25.85	103	77-129
Toluene	25.00	24.77	99	79-125
Chlorobenzene	25.00	26.42	106	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	76-128
1,2-Dichloroethane-d4	105	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	101	79-128

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732526	Batch#:	209167
Matrix:	Soil	Analyzed:	03/20/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732526	Batch#:	209167
Matrix:	Soil	Analyzed:	03/20/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	76-128
1,2-Dichloroethane-d4	104	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	99	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	CR COMP I (1-4)	Batch#:	209167
MSS Lab ID:	254695-009	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Analyzed:	03/20/14
Basis:	as received		

Type: MS Diln Fac: 0.9506
Lab ID: QC732565

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5723	47.53	42.12	89	46-138
Benzene	<0.6668	47.53	44.67	94	51-125
Trichloroethene	<0.6945	47.53	46.61	98	41-146
Toluene	<0.7304	47.53	43.13	91	45-123
Chlorobenzene	<0.5988	47.53	43.96	93	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	76-128
1,2-Dichloroethane-d4	117	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	99	79-128

Type: MSD Diln Fac: 0.9416
Lab ID: QC732566

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	47.08	40.71	86	46-138	2	51
Benzene	47.08	43.25	92	51-125	2	46
Trichloroethene	47.08	45.39	96	41-146	2	55
Toluene	47.08	41.46	88	45-123	3	59
Chlorobenzene	47.08	41.80	89	39-120	4	54

Surrogate	%REC	Limits
Dibromofluoromethane	108	76-128
1,2-Dichloroethane-d4	118	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	99	79-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC732747	Batch#:	209215
Matrix:	Soil	Analyzed:	03/21/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.41	102	68-135
Benzene	25.00	27.58	110	80-127
Trichloroethene	25.00	29.05	116	77-129
Toluene	25.00	27.43	110	79-125
Chlorobenzene	25.00	28.27	113	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	76-128
1,2-Dichloroethane-d4	115	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	99	79-128

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732748	Batch#:	209215
Matrix:	Soil	Analyzed:	03/21/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732748	Batch#:	209215
Matrix:	Soil	Analyzed:	03/21/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	104	76-128
1,2-Dichloroethane-d4	113	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 5030B
Project#:	HPS METAL REEF	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	209215
MSS Lab ID:	254675-001	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Analyzed:	03/21/14
Basis:	as received		

Type: MS Diln Fac: 0.9843
Lab ID: QC732800

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5637	49.21	45.57	93	46-138
Benzene	<0.6568	49.21	48.38	98	51-125
Trichloroethene	<0.6841	49.21	50.36	102	41-146
Toluene	<0.7194	49.21	45.87	93	45-123
Chlorobenzene	<0.5898	49.21	45.96	93	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	108	76-128
1,2-Dichloroethane-d4	121	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	101	79-128

Type: MSD Diln Fac: 0.9671
Lab ID: QC732801

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.36	44.51	92	46-138	1	51
Benzene	48.36	45.74	95	51-125	4	46
Trichloroethene	48.36	48.04	99	41-146	3	55
Toluene	48.36	43.81	91	45-123	3	59
Chlorobenzene	48.36	44.05	91	39-120	2	54

Surrogate	%REC	Limits
Dibromofluoromethane	107	76-128
1,2-Dichloroethane-d4	119	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	99	79-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP A (1-4)	Batch#:	209200
Lab ID:	254695-001	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	ND	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP A (1-4)	Batch#:	209200
Lab ID:	254695-001	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	67
Pyrene	ND	67
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	73	33-120
Phenol-d5	73	39-120
2,4,6-Tribromophenol	52	33-120
Nitrobenzene-d5	80	46-120
2-Fluorobiphenyl	85	51-120
Terphenyl-d14	92	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP B (1-4)	Batch#:	209200
Lab ID:	254695-002	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP B (1-4)	Batch#:	209200
Lab ID:	254695-002	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	70	33-120
Phenol-d5	73	39-120
2,4,6-Tribromophenol	67	33-120
Nitrobenzene-d5	83	46-120
2-Fluorobiphenyl	86	51-120
Terphenyl-d14	99	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP C (1-4)	Batch#:	209200
Lab ID:	254695-003	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/24/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP C (1-4)	Batch#:	209200
Lab ID:	254695-003	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/24/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	67	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	72	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	61	33-120
Phenol-d5	63	39-120
2,4,6-Tribromophenol	62	33-120
Nitrobenzene-d5	65	46-120
2-Fluorobiphenyl	71	51-120
Terphenyl-d14	80	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP D (1-4)	Batch#:	209200
Lab ID:	254695-004	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP D (1-4)	Batch#:	209200
Lab ID:	254695-004	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	54	33-120
Phenol-d5	53	39-120
2,4,6-Tribromophenol	73	33-120
Nitrobenzene-d5	79	46-120
2-Fluorobiphenyl	78	51-120
Terphenyl-d14	99	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP E (1-4)	Batch#:	209200
Lab ID:	254695-005	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	130	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

45.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP E (1-4)	Batch#:	209200
Lab ID:	254695-005	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	210	67
Pyrene	180	67
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	120	67
Chrysene	150	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	190	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	100	67
Indeno(1,2,3-cd)pyrene	75	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	72	33-120
Phenol-d5	77	39-120
2,4,6-Tribromophenol	58	33-120
Nitrobenzene-d5	75	46-120
2-Fluorobiphenyl	76	51-120
Terphenyl-d14	80	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP F (1-4)	Batch#:	209200
Lab ID:	254695-006	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	360	66
Anthracene	100	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

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Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP F (1-4)	Batch#:	209200
Lab ID:	254695-006	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	500	66
Pyrene	430	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	310	66
Chrysene	330	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	420	66
Benzo(k)fluoranthene	130	66
Benzo(a)pyrene	310	66
Indeno(1,2,3-cd)pyrene	150	66
Dibenz(a,h)anthracene	76	66
Benzo(g,h,i)perylene	140	66

Surrogate	%REC	Limits
2-Fluorophenol	67	33-120
Phenol-d5	72	39-120
2,4,6-Tribromophenol	56	33-120
Nitrobenzene-d5	70	46-120
2-Fluorobiphenyl	68	51-120
Terphenyl-d14	74	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP G (1-4)	Batch#:	209200
Lab ID:	254695-007	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	ND	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

47.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP G (1-4)	Batch#:	209200
Lab ID:	254695-007	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	67	67
Pyrene	ND	67
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	77	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	71	33-120
Phenol-d5	69	39-120
2,4,6-Tribromophenol	52	33-120
Nitrobenzene-d5	75	46-120
2-Fluorobiphenyl	77	51-120
Terphenyl-d14	79	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP H (1-4)	Batch#:	209200
Lab ID:	254695-008	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	73	66
Anthracene	ND	66

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP H (1-4)	Batch#:	209200
Lab ID:	254695-008	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/25/14
Diln Fac:	1.000		

Analyte	Result	RL
Di-n-butylphthalate	ND	330
Fluoranthene	130	66
Pyrene	120	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	69	66
Chrysene	83	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	110	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	73	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	37	33-120
Phenol-d5	75	39-120
2,4,6-Tribromophenol	8 *	33-120
Nitrobenzene-d5	74	46-120
2-Fluorobiphenyl	79	51-120
Terphenyl-d14	83	50-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP I (1-4)	Batch#:	209200
Lab ID:	254695-009	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	340
Phenol	ND	340
bis(2-Chloroethyl)ether	ND	340
2-Chlorophenol	ND	340
1,3-Dichlorobenzene	ND	340
1,4-Dichlorobenzene	ND	340
Benzyl alcohol	ND	340
1,2-Dichlorobenzene	ND	340
2-Methylphenol	ND	340
bis(2-Chloroisopropyl) ether	ND	340
4-Methylphenol	ND	340
N-Nitroso-di-n-propylamine	ND	340
Hexachloroethane	ND	340
Nitrobenzene	ND	340
Isophorone	ND	340
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	340
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	340
2,4-Dichlorophenol	ND	340
1,2,4-Trichlorobenzene	ND	340
Naphthalene	ND	67
4-Chloroaniline	ND	340
Hexachlorobutadiene	ND	340
4-Chloro-3-methylphenol	ND	340
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	340
2,4,5-Trichlorophenol	ND	340
2-Chloronaphthalene	ND	340
2-Nitroaniline	ND	670
Dimethylphthalate	ND	340
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	340
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	340
2,4-Dinitrotoluene	ND	340
Diethylphthalate	ND	340
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	340
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	340
Azobenzene	ND	340
4-Bromophenyl-phenylether	ND	340
Hexachlorobenzene	ND	340
Pentachlorophenol	ND	670
Phenanthrene	ND	67
Anthracene	ND	67
Di-n-butylphthalate	ND	340

ND= Not Detected
RL= Reporting Limit

49.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	CR COMP I (1-4)	Batch#:	209200
Lab ID:	254695-009	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	67
Pyrene	ND	67
Butylbenzylphthalate	ND	340
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	340
Di-n-octylphthalate	ND	340
Benzo(b)fluoranthene	77	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	71	33-120
Phenol-d5	75	39-120
2,4,6-Tribromophenol	85	33-120
Nitrobenzene-d5	85	46-120
2-Fluorobiphenyl	90	51-120
Terphenyl-d14	112	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732678	Batch#:	209200
Matrix:	Soil	Prepared:	03/20/14
Units:	ug/Kg	Analyzed:	03/21/14

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	ND	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330
Fluoranthene	ND	67

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732678	Batch#:	209200
Matrix:	Soil	Prepared:	03/20/14
Units:	ug/Kg	Analyzed:	03/21/14

Analyte	Result	RL
Pyrene	ND	67
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	48	33-120
Phenol-d5	53	39-120
2,4,6-Tribromophenol	48	33-120
Nitrobenzene-d5	67	46-120
2-Fluorobiphenyl	63	51-120
Terphenyl-d14	83	50-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	2.000
Lab ID:	QC732679	Batch#:	209200
Matrix:	Soil	Prepared:	03/20/14
Units:	ug/Kg	Analyzed:	03/21/14

Analyte	Spiked	Result	%REC	Limits
Phenol	2,645	1,922	73	43-120
2-Chlorophenol	2,645	2,033	77	50-120
1,4-Dichlorobenzene	2,645	1,960	74	52-120
N-Nitroso-di-n-propylamine	2,645	2,134	81	30-121
1,2,4-Trichlorobenzene	2,645	1,992	75	53-120
4-Chloro-3-methylphenol	2,645	2,230	84	58-120
Acenaphthene	991.7	741.1	75	53-120
4-Nitrophenol	2,645	2,033	77	46-120
2,4-Dinitrotoluene	2,645	1,890	71	57-120
Pentachlorophenol	2,645	1,310	50	31-120
Pyrene	991.7	799.4	81	55-120

Surrogate	%REC	Limits
2-Fluorophenol	54	33-120
Phenol-d5	70	39-120
2,4,6-Tribromophenol	70	33-120
Nitrobenzene-d5	71	46-120
2-Fluorobiphenyl	71	51-120
Terphenyl-d14	80	50-120

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8270C
Field ID:	IR68 COMP1A,B,C,D	Batch#:	209200
MSS Lab ID:	254692-001	Sampled:	03/19/14
Matrix:	Soil	Received:	03/19/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	2.000		

Type: MS Lab ID: QC732680

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<46.65	2,632	1,038	39 *	50-120
2-Chlorophenol	<55.01	2,632	236.6	9 *	50-120
1,4-Dichlorobenzene	<14.74	2,632	2,175	83	55-120
N-Nitroso-di-n-propylamine	<49.70	2,632	2,715	103	43-120
1,2,4-Trichlorobenzene	<12.90	2,632	2,545	97	58-120
4-Chloro-3-methylphenol	<14.12	2,632	886.6	34 *	60-120
Acenaphthene	<11.17	986.8	747.8	76	59-120
4-Nitrophenol	<52.08	2,632	497.2	19 *	45-120
2,4-Dinitrotoluene	<9.791	2,632	1,741	66	59-120
Pentachlorophenol	<61.80	2,632	329.1	13 *	17-120
Pyrene	78.24	986.8	902.5	84	53-124

Surrogate	%REC	Limits
2-Fluorophenol	3 *	33-120
Phenol-d5	39	39-120
2,4,6-Tribromophenol	21 *	33-120
Nitrobenzene-d5	86	46-120
2-Fluorobiphenyl	85	51-120
Terphenyl-d14	76	50-120

Type: MSD Lab ID: QC732681

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	2,660	1,023	38 *	50-120	3	35
2-Chlorophenol	2,660	208.9	8 *	50-120	14	38
1,4-Dichlorobenzene	2,660	2,254	85	55-120	2	39
N-Nitroso-di-n-propylamine	2,660	2,728	103	43-120	1	38
1,2,4-Trichlorobenzene	2,660	2,691	101	58-120	4	34
4-Chloro-3-methylphenol	2,660	905.9	34 *	60-120	1	32
Acenaphthene	997.7	755.4	76	59-120	0	37
4-Nitrophenol	2,660	481.8	18 *	45-120	4	40
2,4-Dinitrotoluene	2,660	1,769	66	59-120	1	29
Pentachlorophenol	2,660	303.1	11 *	17-120	9	51
Pyrene	997.7	832.3	76	53-124	9	49

Surrogate	%REC	Limits
2-Fluorophenol	3 *	33-120
Phenol-d5	42	39-120
2,4,6-Tribromophenol	25 *	33-120
Nitrobenzene-d5	91	46-120
2-Fluorobiphenyl	88	51-120
Terphenyl-d14	79	50-120

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	209207
Units:	ug/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000		

Field ID:	CR COMP A (1-4)	Prepared:	03/21/14
Type:	SAMPLE	Analyzed:	03/21/14
Lab ID:	254695-001		

Analyte	Result	RL
Aroclor-1016	ND	9.7
Aroclor-1221	ND	19
Aroclor-1232	ND	9.7
Aroclor-1242	ND	9.7
Aroclor-1248	ND	9.7
Aroclor-1254	ND	9.7
Aroclor-1260	ND	9.7

Surrogate	%REC	Limits
TCMX	68	60-140
Decachlorobiphenyl	80	36-133

Field ID:	CR COMP B (1-4)	Prepared:	03/21/14
Type:	SAMPLE	Analyzed:	03/21/14
Lab ID:	254695-002		

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	16	9.6

Surrogate	%REC	Limits
TCMX	83	60-140
Decachlorobiphenyl	84	36-133

Field ID:	CR COMP C (1-4)	Prepared:	03/21/14
Type:	SAMPLE	Analyzed:	03/21/14
Lab ID:	254695-003		

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	34	9.5

Surrogate	%REC	Limits
TCMX	63	60-140
Decachlorobiphenyl	80	36-133

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	209207
Units:	ug/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000		

Field ID: CR COMP D (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/21/14
Lab ID: 254695-004

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	15	9.6

Surrogate	%REC	Limits
TCMX	73	60-140
Decachlorobiphenyl	88	36-133

Field ID: CR COMP E (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/22/14
Lab ID: 254695-005

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	58	9.6

Surrogate	%REC	Limits
TCMX	79	60-140
Decachlorobiphenyl	90	36-133

Field ID: CR COMP F (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/22/14
Lab ID: 254695-006

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	160	9.5

Surrogate	%REC	Limits
TCMX	85	60-140
Decachlorobiphenyl	81	36-133

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	209207
Units:	ug/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000		

Field ID: CR COMP G (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/22/14
Lab ID: 254695-007

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	41	9.6

Surrogate	%REC	Limits
TCMX	66	60-140
Decachlorobiphenyl	83	36-133

Field ID: CR COMP H (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/22/14
Lab ID: 254695-008

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	100	9.6

Surrogate	%REC	Limits
TCMX	70	60-140
Decachlorobiphenyl	89	36-133

Field ID: CR COMP I (1-4) Prepared: 03/21/14
Type: SAMPLE Analyzed: 03/22/14
Lab ID: 254695-009

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	53	9.6
Aroclor-1260	56	9.6

Surrogate	%REC	Limits
TCMX	71	60-140
Decachlorobiphenyl	70	36-133

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	209207
Units:	ug/Kg	Sampled:	03/19/14
Basis:	as received	Received:	03/19/14
Diln Fac:	1.000		

Type:	BLANK	Analyzed:	03/21/14
Lab ID:	QC732715	Cleanup Method:	EPA 3620B
Prepared:	03/20/14		

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	ND	9.5

Surrogate	%REC	Limits
TCMX	94	60-140
Decachlorobiphenyl	90	36-133

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC732716	Batch#:	209207
Matrix:	Soil	Prepared:	03/20/14
Units:	ug/Kg	Analyzed:	03/21/14

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	164.1	174.9	107	58-144
Aroclor-1260	164.1	147.0	90	55-146

Surrogate	%REC	Limits
TCMX	105	60-140
Decachlorobiphenyl	99	36-133

Curtis & Tompkins, Ltd.

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3550B
Project#:	HPS METAL REEF	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	209207
MSS Lab ID:	254734-001	Sampled:	03/20/14
Matrix:	Soil	Received:	03/20/14
Units:	ug/Kg	Prepared:	03/20/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	2.000		

Type: MS Lab ID: QC732717

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.359	166.2	154.9	93	51-155
Aroclor-1260	<1.543	166.2	144.5	87	38-155

Surrogate	%REC	Limits
TCMX	81	60-140
Decachlorobiphenyl	43	36-133

Type: MSD Lab ID: QC732718

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	165.9	210.2	127	51-155	30	38
Aroclor-1260	165.9	173.2	104	38-155	18	55

Surrogate	%REC	Limits
TCMX	92	60-140
Decachlorobiphenyl	63	36-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP A (1-4)	Basis:	as received
Lab ID:	254695-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.2	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	350	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.39	0.091	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.4	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	33	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	26	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	67	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	17	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.56	0.016	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.76	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	54	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	79	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	93	0.91	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP B (1-4)	Basis:	as received
Lab ID:	254695-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	7.0	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	280	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.25	0.096	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	2.1	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	67	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	14	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	41	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	15	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.71	0.015	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	2.3	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	96	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	85	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	83	0.96	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP C (1-4)	Basis:	as received
Lab ID:	254695-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.4	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	200	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.20	0.091	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.1	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	91	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	20	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	60	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	94	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.46	0.017	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.56	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	130	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.45	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	70	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	84	0.91	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP D (1-4)	Basis:	as received
Lab ID:	254695-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.1	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	340	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.31	0.096	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.4	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	42	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	23	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	62	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	39	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.37	0.017	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.79	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	51	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.48	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	82	0.24	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	88	0.96	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP E (1-4)	Basis:	as received
Lab ID:	254695-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.53	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.3	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	270	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.25	0.11	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.3	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	85	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	25	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	80	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	250	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.57	0.015	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.57	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	140	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.53	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.53	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	72	0.26	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	110	1.1	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP F (1-4)	Basis:	as received
Lab ID:	254695-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.7	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	190	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.24	0.10	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.1	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	68	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	19	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	61	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	60	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.45	0.015	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.51	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	83	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	63	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	98	1.0	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP G (1-4)	Basis:	as received
Lab ID:	254695-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.47	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	6.6	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	86	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.21	0.093	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	0.83	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	38	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	12	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	42	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	50	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.16	0.015	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.43	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	45	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.47	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.47	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	43	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	110	0.93	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP H (1-4)	Basis:	as received
Lab ID:	254695-008	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.46	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	4.9	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	210	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.17	0.092	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	1.0	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	67	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	13	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	47	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	70	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.42	0.016	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	1.1	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	81	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.46	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.46	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	77	0.23	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	94	0.92	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California Title 22 Metals

Lab #:	254695	Project#:	HPS METAL REEF
Client:	Arcadis	Location:	Crisp Road
Field ID:	CR COMP I (1-4)	Basis:	as received
Lab ID:	254695-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	03/19/14
Units:	mg/Kg	Received:	03/19/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Arsenic	3.9	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Barium	160	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Beryllium	0.20	0.10	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cadmium	0.88	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Chromium	62	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Cobalt	15	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Copper	37	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Lead	35	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Mercury	0.21	0.016	209390	03/26/14	03/26/14	METHOD	EPA 7471A
Molybdenum	0.42	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Nickel	76	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Selenium	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Thallium	ND	0.51	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Vanadium	58	0.25	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B
Zinc	81	1.0	209213	03/21/14	03/21/14	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3050B
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC732738	Batch#:	209213
Matrix:	Soil	Prepared:	03/21/14
Units:	mg/Kg	Analyzed:	03/21/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3050B
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	209213
Units:	mg/Kg	Prepared:	03/21/14
Diln Fac:	1.000	Analyzed:	03/21/14

Type: BS Lab ID: QC732739

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	98.76	99	80-120
Arsenic	50.00	51.26	103	80-120
Barium	100.0	100.1	100	80-120
Beryllium	2.500	2.654	106	80-120
Cadmium	10.00	10.16	102	80-120
Chromium	100.0	100.2	100	80-120
Cobalt	25.00	25.30	101	80-120
Copper	12.50	12.44	100	80-120
Lead	100.0	98.40	98	80-120
Molybdenum	20.00	20.16	101	80-120
Nickel	25.00	24.87	99	80-120
Selenium	50.00	49.75	99	80-120
Silver	10.00	9.495	95	80-120
Thallium	50.00	49.81	100	80-120
Vanadium	25.00	25.02	100	80-120
Zinc	25.00	25.37	101	80-120

Type: BSD Lab ID: QC732740

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	95.46	95	80-120	3	20
Arsenic	50.00	49.30	99	80-120	4	20
Barium	100.0	95.72	96	80-120	4	20
Beryllium	2.500	2.551	102	80-120	4	20
Cadmium	10.00	9.798	98	80-120	4	20
Chromium	100.0	96.17	96	80-120	4	20
Cobalt	25.00	24.23	97	80-120	4	20
Copper	12.50	11.91	95	80-120	4	20
Lead	100.0	94.17	94	80-120	4	20
Molybdenum	20.00	19.40	97	80-120	4	20
Nickel	25.00	23.91	96	80-120	4	20
Selenium	50.00	47.63	95	80-120	4	20
Silver	10.00	9.111	91	80-120	4	20
Thallium	50.00	48.00	96	80-120	4	20
Vanadium	25.00	23.98	96	80-120	4	20
Zinc	25.00	24.37	97	80-120	4	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3050B
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	209213
MSS Lab ID:	254664-001	Sampled:	03/17/14
Matrix:	Soil	Received:	03/19/14
Units:	mg/Kg	Prepared:	03/21/14
Basis:	as received	Analyzed:	03/21/14
Diln Fac:	1.000		

Type: MS Lab ID: QC732741

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.1495	106.4	58.55	55	9-120
Arsenic	5.282	53.19	59.00	101	72-120
Barium	133.7	106.4	246.6	106	50-133
Beryllium	0.2638	2.660	2.950	101	80-120
Cadmium	0.8728	10.64	10.76	93	72-120
Chromium	25.22	106.4	131.9	100	61-120
Cobalt	14.43	26.60	39.77	95	60-120
Copper	33.31	13.30	51.29	135	47-149
Lead	38.59	106.4	146.0	101	52-122
Molybdenum	0.3645	21.28	19.42	90	68-120
Nickel	27.40	26.60	58.45	117	46-135
Selenium	<0.1597	53.19	49.72	93	70-120
Silver	<0.03987	10.64	9.631	91	67-120
Thallium	0.6181	53.19	45.90	85	64-120
Vanadium	52.55	26.60	80.44	105	54-137
Zinc	95.79	26.60	134.3	145 *	39-141

Type: MSD Lab ID: QC732742

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	98.04	51.74	53	9-120	4	26
Arsenic	49.02	55.43	102	72-120	1	30
Barium	98.04	251.3	120	50-133	5	43
Beryllium	2.451	2.787	103	80-120	2	20
Cadmium	9.804	10.01	93	72-120	0	22
Chromium	98.04	123.2	100	61-120	0	31
Cobalt	24.51	39.09	101	60-120	3	39
Copper	12.25	51.69	150 *	47-149	3	32
Lead	98.04	129.2	92	52-122	6	49
Molybdenum	19.61	17.82	89	68-120	1	23
Nickel	24.51	57.48	123	46-135	2	37
Selenium	49.02	46.13	94	70-120	1	26
Silver	9.804	8.769	89	67-120	1	25
Thallium	49.02	41.35	83	64-120	2	20
Vanadium	24.51	80.01	112	54-137	2	31
Zinc	24.51	149.1	217 *	39-141	12	37

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	METHOD
Project#:	HPS METAL REEF	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	209390
Lab ID:	QC733465	Prepared:	03/26/14
Matrix:	Soil	Analyzed:	03/26/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	METHOD
Project#:	HPS METAL REEF	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	209390
Matrix:	Soil	Prepared:	03/26/14
Units:	mg/Kg	Analyzed:	03/26/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC733466	0.2083	0.2014	97	80-120		
BSD	QC733467	0.2083	0.1951	94	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California Title 22 Metals

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	METHOD
Project#:	HPS METAL REEF	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	209390
MSS Lab ID:	254858-001	Sampled:	03/22/14
Matrix:	Soil	Received:	03/24/14
Units:	mg/Kg	Prepared:	03/26/14
Basis:	as received	Analyzed:	03/26/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC733468	0.6641	0.2273	1.796	>LR b 498 *	69-136		
MSD	QC733469		0.2119	1.762	>LR b 518 *	69-136	NC	35

*= Value outside of QC limits; see narrative
b= See narrative
NC= Not Calculated
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Lead

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3010A
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	209538
Field ID:	CR COMP E (1-4)	Sampled:	03/19/14
Matrix:	TCLP Leachate	Received:	03/19/14
Units:	ug/L	Prepared:	03/30/14
Diln Fac:	10.00	Analyzed:	03/31/14

Type	Lab ID	Result	RL
SAMPLE	254695-005	100	50
BLANK	QC734032	ND	50
BLANK	QC734033	ND	50

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	EPA 3010A
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	209538
Field ID:	NON-IR COMP 1 (A,B,C,D)	Sampled:	03/19/14
MSS Lab ID:	254694-001	Received:	03/19/14
Matrix:	TCLP Leachate	Prepared:	03/30/14
Units:	ug/L	Analyzed:	03/31/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac
BS	QC734034		2,000	1,943	97	80-120			1.000
BSD	QC734035		2,000	1,916	96	80-120	1	20	1.000
MS	QC734036	<12.46	2,000	1,717	86	71-120			10.00
MSD	QC734037		2,000	1,812	91	71-120	5	20	10.00

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Chromium

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	WET
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Chromium	Sampled:	03/19/14
Matrix:	WET Leachate	Received:	03/19/14
Units:	ug/L	Prepared:	03/30/14
Diln Fac:	10.00	Analyzed:	03/31/14
Batch#:	209539		

Field ID	Type	Lab ID	Result	RL
CR COMP B (1-4)	SAMPLE	254695-002	420	250
CR COMP C (1-4)	SAMPLE	254695-003	800	250
CR COMP E (1-4)	SAMPLE	254695-005	730	250
CR COMP F (1-4)	SAMPLE	254695-006	310	250
CR COMP H (1-4)	SAMPLE	254695-008	630	250
CR COMP I (1-4)	SAMPLE	254695-009	480	250
	BLANK	QC734038	ND	250

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Lead

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	WET
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	03/19/14
Matrix:	WET Leachate	Received:	03/19/14
Units:	ug/L	Prepared:	03/30/14
Diln Fac:	10.00	Analyzed:	03/31/14
Batch#:	209539		

Field ID	Type	Lab ID	Result	RL
CR COMP C (1-4)	SAMPLE	254695-003	6,700	250
CR COMP E (1-4)	SAMPLE	254695-005	22,000	250
CR COMP F (1-4)	SAMPLE	254695-006	2,400	250
CR COMP G (1-4)	SAMPLE	254695-007	1,800	250
CR COMP H (1-4)	SAMPLE	254695-008	ND	250
	BLANK	QC734038	ND	250

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Chromium

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	WET
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	209539
Field ID:	IR68 COMP1A,B,C,D	Sampled:	03/19/14
MSS Lab ID:	254692-001	Received:	03/19/14
Matrix:	WET Leachate	Prepared:	03/30/14
Units:	ug/L	Analyzed:	03/31/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac
BS	QC734039		2,000	1,994	100	80-120			1.000
BSD	QC734040		2,000	1,956	98	80-120	2	20	1.000
MS	QC734041	863.0	10,000	10,650	98	76-120			10.00
MSD	QC734042		10,000	10,500	96	76-120	1	20	10.00

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	254695	Location:	Crisp Road
Client:	Arcadis	Prep:	WET
Project#:	HPS METAL REEF	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	209539
Field ID:	IR68 COMP1A,B,C,D	Sampled:	03/19/14
MSS Lab ID:	254692-001	Received:	03/19/14
Matrix:	WET Leachate	Prepared:	03/30/14
Units:	ug/L	Analyzed:	03/31/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac
BS	QC734039		2,000	1,949	97	80-120			1.000
BSD	QC734040		2,000	1,901	95	80-120	2	20	1.000
MS	QC734041	<62.31	10,000	8,776	88	71-120			10.00
MSD	QC734042		10,000	8,648	86	71-120	1	20	10.00

RPD= Relative Percent Difference

ARCADIS

Appendix C

Sample Manifest

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001019694	1	DeLong (510) 772-8832	00887919 5 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (HPS)
1 Ave of the Palms, Suite-161
San Francisco, CA 94130 Attn: DeLong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokem Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH490987B ERG #171 Certificate of disposal/destruction required and a weight ticket; Wear appropriate PPE
Tracking #
SO # A78893201
"Waste originally shipped under non-hazardous waste manifest numbers 1587868 through 1587910 to Keller Canyon Landfill where it was rejected. Waste is being reshipped under this and other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

ARCADIS

Attachment C

Keller Canyon CAP Implementation Letter (includes photos and daily reports)

ARCADIS
Infrastructure · Water · Environment · Buildings

ARCADIS U.S., Inc.
320 Commerce
Suite 200
Irvine
California 92602
Tel 714 730 9052
Fax 714 730 9345
www.arcadis-us.com

Rick King
Republic Services
901 Bailey Road
Pittsburg, CA 94565

REM West

Subject:
Keller Canyon Corrective Action Plan Implementation

Date:
July 16, 2014

Contact:
James M. Nicely

Phone:
408.425.9271

Email:
Matt.nicely@arcadis-us.com

Our ref:

Dear Mr. King:

ARCADIS U.S., Inc. (ARCADIS) has prepared this letter report to document implementation of field activities that were prescribed in the Corrective Action Plan (CAP) dated June 20, 2014. The purpose of the CAP was to address the removal of lead impacted non-RCRA California hazardous (Cal Haz) soil rejected for disposal and staged for final removal at the Keller Canyon Landfill located in Pittsburg, California (Figure 1). The CAP provides additional project background and details associated with the planned removal activities.

Implementation Activities

ARCADIS mobilized to the site on June 19, 2014 and completed field activities on June 30, 2014. Field activities were completed as specified in the CAP. Specifically, the soil pile in question was consolidated and loaded into highway trucks for offsite disposal at Clean Harbors Buttonwillow Facility, an approved licensed facility, under proper manifesting procedures. Dust from field activities was controlled using water applied to the work areas as well as the haul roads. Inactive soil piles were covered with plastic sheeting and sandbags. Daily Reports are included as Attachment A and provide specific information about work completed as well as photo documentation.

Following initial load-out of the soil pile, soil was scraped from the adjoining roadway and under the soil pile until a visual difference in soil color was observed (the previously placed soil is grey whereas the material for removal was reddish in color, providing for a visual delineation).

To facilitate effective removal of soils in the field, screening for elevated concentrations of lead in soil was conducted using hand-held x-ray fluorescence (XRF) instruments to collect direct concentration readings. Based on an established screening concentration of 50 ppm lead, ARCADIS established a 10-foot by 5-foot grid pattern over the potentially affected area, to include the pile footprint as well as the adjoining roadway. XRF readings were then collected at the grid line intersections. A total 204 initial XRF readings were taken. Eighteen of the 204 readings exceeded 50 ppm for lead in surface soil. These 18 locations were marked with spray paint and a 5-foot by 5-foot polygon was established around the grid line intersection to identify the area that required additional soil removal via scraping. The polygon areas were scraped down an additional 6-inches to 1-foot below the initial scrape grade. The soil generated as a result of the additional removal was consolidated with the soil pile for off-site transportation and disposal. A second round of XRF readings were collected from the newly scraped areas and all subsequent XRF scans yielded results below 50 ppm lead in soil.

Confirmation soil samples were collected from a total of ten surface soil locations and delivered to Test America in Pleasanton, California for analysis of total lead using EPA Method 6010. Figure 2 depicts the actual field locations where the confirmations samples were obtained. As shown, five samples were collected from under the soil pile footprint, three from the adjacent roadway, and two from the adjacent slope. Analytical confirmation sample results indicated all soil samples collected contained lead at less than 50 mg/kg, which was the criterion specified in the CAP (summary table below).

Sample ID	Total Lead(mg/kg)	Sample ID	Total Lead (mg/kg)
KC-ARCADIS-SOIL-1	4.3	KC-ARCADIS-SOIL-6	5.6
KC-ARCADIS-SOIL-2	9.4	KC-ARCADIS-SOIL-7	4.9
KC-ARCADIS-SOIL-3	16	KC-ARCADIS-SOIL-8	4.2
KC-ARCADIS-SOIL-4	28	KC-ARCADIS-SOIL-9	13
KC-ARCADIS-SOIL-5	5.3	KC-ARCADIS-SOIL-10	3.6

In accordance with the CAP, the excavation was deemed complete based on these analytical data and field observations. The Laboratory analytical reports are included as Attachment B.

The material originally rejected by Keller Canyon and stockpiled totaled 971.96 tons based on landfill scale tickets. A total of 1,709.32 tons of soil was removed from Keller Canyon and transported via 72 loads for disposal at Clean Harbors Buttonwillow facility. The loads received with associated tonnages and manifests are provided in Attachment C.

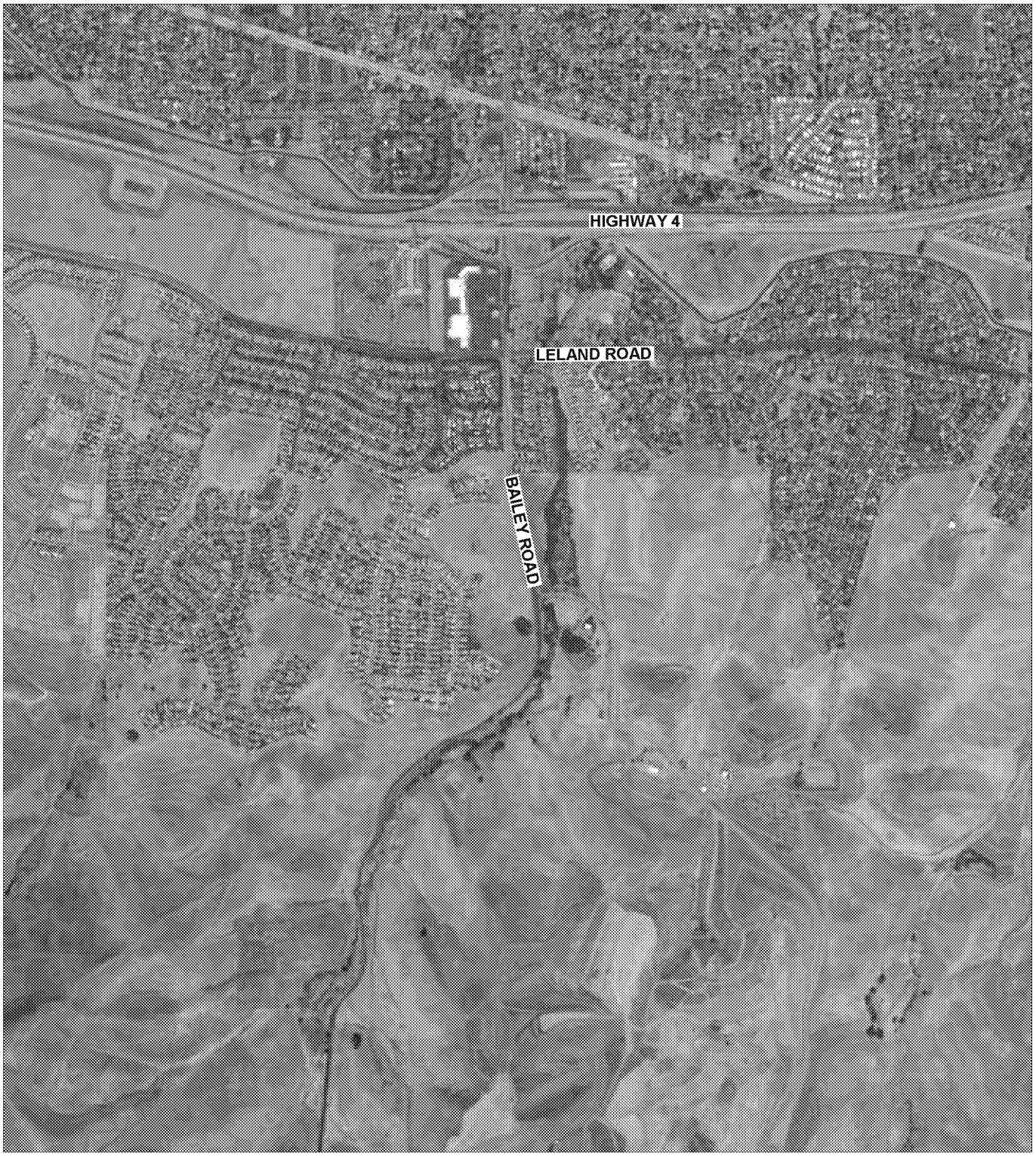
If there are any questions regarding the CAP implementation, please feel free to contact Matt Nicely with ARCADIS at 408.425.9271.

Sincerely,

ARCADIS U.S., Inc.

Rebecca D. Lindeman, P.E.
Principal Civil Engineer, CA67218

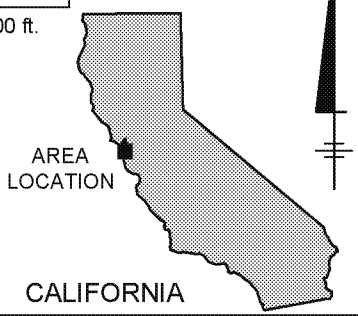
Copies:
Lochlin Caffey, Republic Services
Don Clause, ARCADIS



REFERENCE: GOOGLE™ EARTH, IMAGE DATE 9/1/2012.

0 1500' 3000'

Approximate Scale: 1 in. = 1500 ft.

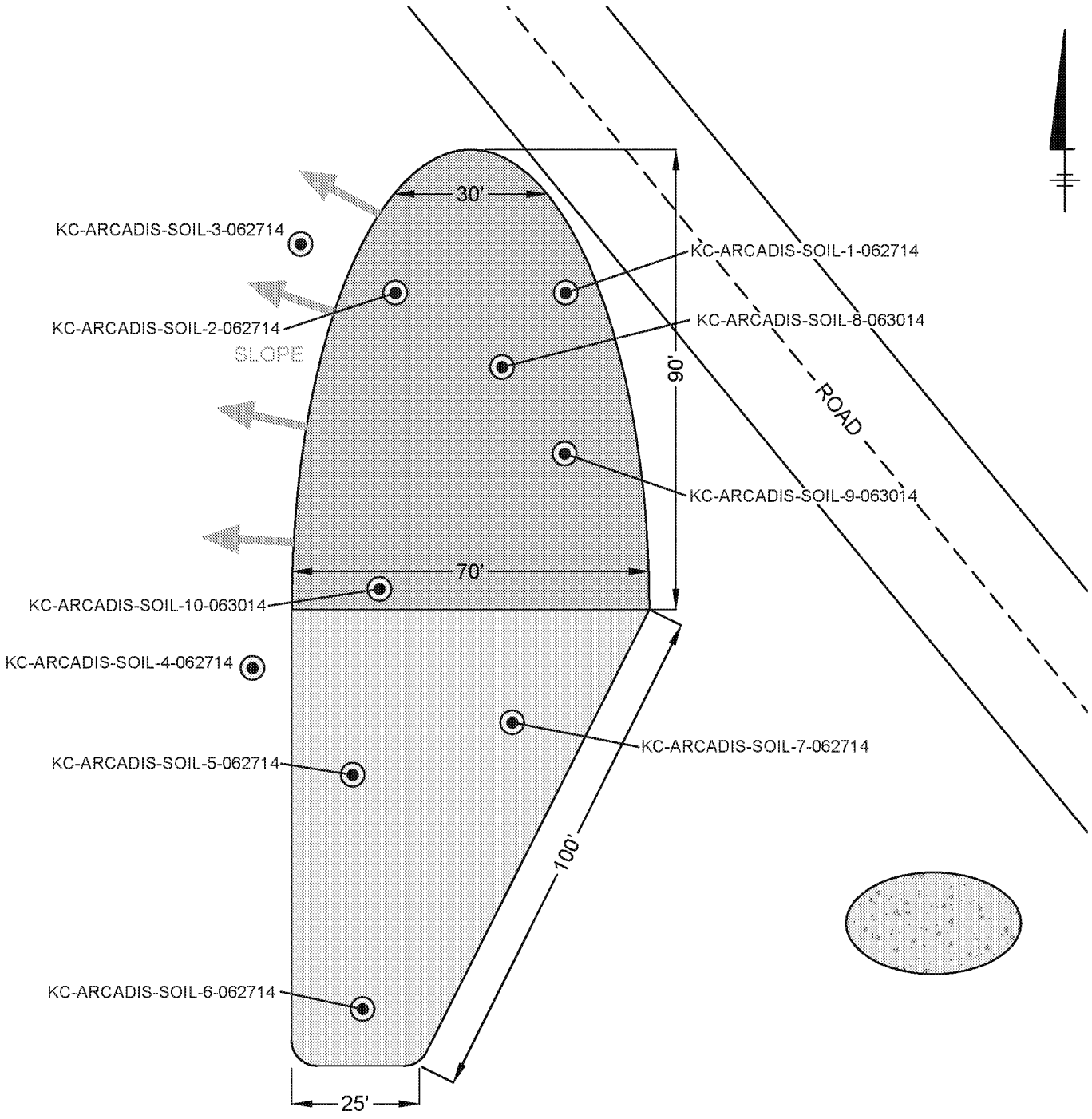


CORRECTIVE ACTION PLAN
KELLER CANYON LANDFILL
901 BAILEY ROAD
BAY POINT, CALIFORNIA

SITE LOCATION MAP

ARCADIS

FIGURE
1



NOT TO SCALE

LEGEND:

- CONFIRMATORY SAMPLE LOCATION
- SCRAPE ZONE
- FORMER PILE FOOTPRINT
- DEBRIS PILE (DO NOT DISTURB)

CORRECTIVE ACTION PLAN IMPLEMENTATION
KELLER CANYON LANDFILL
901 BAILEY ROAD
BAY POINT, CALIFORNIA

FORMER PILE DIMENSIONS AND ACTUAL CONFIRMATORY SAMPLE LOCATIONS

ARCADIS

FIGURE
2

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS, E. MURESAN, J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\CA0007890000\PM0011\DWG\CA789801.dwg LAYOUT: 2 SAVED: 7/2/2014 3:27 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 7/2/2014 3:37 PM BY: HARRIS, JESSICA

XREFS: IMAGES: PROJECTNAME: ---
RV9877X01_2.51 Mi.tif
X01_5230 FT.jpg

ARCADIS

Attachment A
Daily Reports

ARCADIS
Infrastructure, environment, facilities

Keller Canyon material delineation and, stock pile maintenance (Pittsburg, Ca).

Daily Progress Report #01

Date: 06/19/2014 – Thursday

Project No. CA000789.0000.00106

Project Work Performed:

- ARCADIS Field team arrives on site and, holds tailgate HS meeting
- Contact Keller Canyon representative to notify of presence and activities to be performed.
- Removed temporary wooden stakes and, caution tape.
- Covered pile with 10mil black visquene sheeting.
- Secured visquene sheeting with sim-locks and, sand bags.
- Placed SWPP around pile.
- Delineated area with T-posts, high visibility fencing and, "Do not enter authorized personnel" signs.
- Collected GPS coordinates, measured and hand sketched pile.
- Photo documented completed work.

Black 10mil visquene deployment

Work Projected Next Day (06/20/14):

- None

Work Projected Next Week (06/23/14-06/27/14):

- Monday: Possibility of equipment mobilization and, load out of materials
- Tuesday: Possibility of material removal and, load out.

Securing visquene sheeting

Arcadis Personnel On-site:

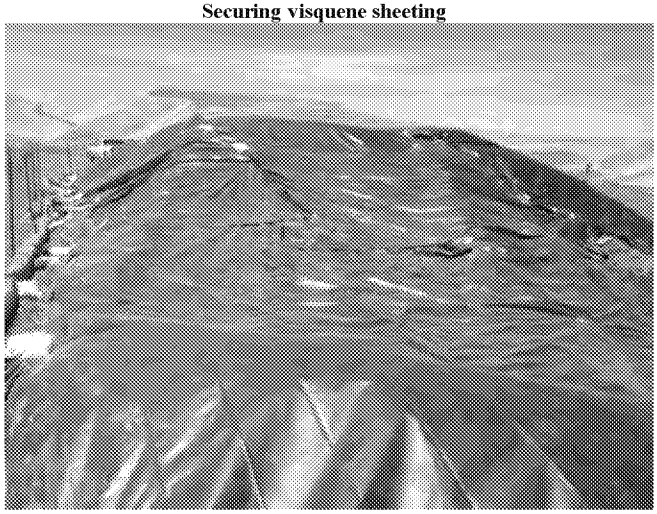
- Jeffrey Worden- Site Supervisor
- Scott Campbell- HSSO
- Jayson Peer- Field technician
- Clarence Worrell- Field technician

Visitors:

Matt Nicely
David Montanari

Materials / Equipment Utilized:

- Black 10mil visquene sheeting
- T-posts
- Yellow rope
- High visibility fencing
- "Do not enter authorized personnel only" signs
- Handheld GPS
- Wooden stakes
- Sim-locks
- Rice straw SWPP
- Gas powered post driver
- Sand bags
- 4lb hammers



View looking South of sim-locked seams

Health and Safety:

- Performed hazard assessment prior to commencement of work.
- No incidents occurred.

ARCADIS
Infrastructure, environment, facilities

Soil Loading, Removal and Scraping from Keller Canyon (Pittsburg, CA)

Daily Progress Report #2

Dates: 6/24/2014 and 6/25/2014

Project No. CA000789.0000.PM001

Project Work Performed:

- ARCADIS/BTI held morning tailgate safety meetings and reviewed hazards prior to the days activities.
- Water was applied to truck routes as part of dust suppression activities.
- 6/24: Loaded 21 BTI trucks and hauled approximately 492 tons of soil to be disposed of as California-hazardous waste at Clean Harbors Buttonwillow landfill.
- 6/25: Loaded 20 BTI trucks and hauled approximately 465 tons of soil to be disposed of as California-hazardous waste at Clean Harbors Buttonwillow landfill.
- Continuously sprayed water on stockpile during truck loading as part of dust suppression activities
- 6/25: Began scraping soil from north and south side of stockpile. ARCADIS scraped until a distinct change in soil colors was observed. The change in soil color was from a reddish soil (same as stockpile) to greenish/grey rocky/soil (winter deck/"pre-existing" material). Soil scrapings were consolidated into the load out stockpile. XRF was used to screen initial removal areas.

Work Planned for the Next Day (6/26/14):

- Continue loading and hauling California-hazardous waste.
- Continue scraping and consolidating soils underlying stockpile staging area.
- Screen soil from beneath staging area with XRF to aid in soil removal identification.
- Collect confirmation soil samples from underlying soils.

ARCADIS Personnel On-site:

- Jeff Worden – Site Supervisor
- Danny Willis – Quality Control Engineer
- Scott Campbell – HSSO
- Jayson Peer – Field Technician

BTI Personnel On-site:

- Brad Bonner
- Josh Fishbach
- Scott Bonner

Visitors:

- Doug DeLong (Navy CSO)
- Matt Nicely (ARCADIS)

Materials / Equipment Utilized:

- Excavator
- Water Truck
- Loader
- XRF

Health and Safety:

- Wind speeds were high.
- Landfill traffic and heavy equipment movement.

Loading of soil for transport.

Dust suppression during loading activities.

Scraping of staging area to expose underlying, "pre-existing" soil

ARCADIS
Infrastructure, environment, facilities

Soil Loading, Removal, Scraping and Sampling from Keller Canyon (Pittsburg, CA)

Daily Progress Report #3

Dates: 6/26/2014

Project No. CA000789.0000.PM001

Project Work Performed:

- ARCADIS/BTI held morning tailgate safety meeting; reviewed job tasks and associated hazards for the days activities.
- Applied water to truck route and working surfaces to suppress dust.
- Loaded 18 BTI trucks of soil to be disposed of as California-Hazardous waste at Clean Harbors Buttonwillow landfill.
- Continuously sprayed water on stockpile during truck loading to suppress dust.
- Used a XRF to screen soils underlying the staging area after initial visual scrape was completed. Screening was conducted by establishing a 10 foot by 5 foot grid pattern over the potentially affected area and collecting readings at the intersections. Where elevated lead concentrations were detected (greater than 50 ppm) additional soil was removed from square polygons which extended 5 feet in each direction from the grid line intersection. Confirmatory XRF samples were then collected from the center point at the newly established elevation, all of which yielded results below the 50 ppm screening value.

Work Projected Next Day (6/26/14):

- Load and transport remaining California-Hazardous waste.
- Provide for dust suppression.
- Screen remainder of the staging area with XRF and remove suspect material.
- Collect confirmation soil samples as outlined in the Corrective Action Plan.
- Decontaminated earth moving equipment.

ARCADIS Personnel On-site:

- Jeff Worden – Site Supervisor
- Danny Willis – Quality Control Engineer
- Scott Campbell – HSSO
- Matt Nicely– Sr. Construction Manager

BTI Personnel On-site:

- Josh Fishbach
- Scott Bonner

Visitors:

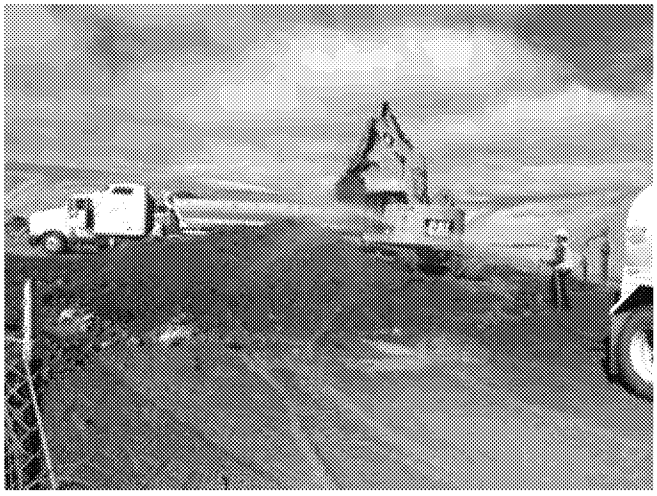
- Doug DeLong (Navy CSO)

Materials / Equipment Utilized:

- Excavator
- Water Truck
- Wheel Loader
- XRF

Health and Safety:

- Addressed traffic control measures and communication.
- Flying debris was concern in light of weather conditions.
- Landfill equipment traffic and operation of earth moving equipment is tight space.



Loading of soil and dust suppression activities

XRF grid set up in support of initial screening

Scraping of XRF screening exceedance areas

ARCADIS
Infrastructure, environment, facilities

Soil Loading, Removal, Scraping and Sampling from Keller Canyon (Pittsburg, CA)

Daily Progress Report #4

Dates: 6/27/2014

Project No. CA000789.0000.PM001

Project Work Performed:

- ARCADIS/BTI held tailgate safety meeting; reviewed job tasks and associated hazards for the days activities .
- Applied water on truck route and working surfaces to suppress dust.
- Loaded 8 BTI trucks of soil to be disposed of as California-Hazardous waste at Clean Harbors Buttonwillow landfill.
- Continuously sprayed water on stockpile during truck loading to suppress dust.
- Used XRF to screen soils underlying the staging area after the initial visual scrape was completed. Screening was conducted by establishing a 10 foot by 5 foot grid pattern over the potentially affected area and collecting readings at the intersections. Where elevated lead concentrations were detected (greater than 50 ppm) additional soil was removed from the square polygons which extended 5 feet in each direction from the grid intersection. Confirmatory XRF samples were then collected from the center point at the newly establish elevation, all of which yielded results below 50 ppm screening value.
- Collected 7 confirmation soil samples. 5 samples were collected from previously scraped and screened areas associated with original staging area as described in the CAP. 2 samples were collected from undisturbed soil on the western slope relative to the stockpile. Samples are to be analyzed for Lead by TestAmerica. Sample locations were recorded using a hand-held GPS.

Work Projected Next Day (6/30/14):

- Load and transport remaining California-Hazardous waste.
- Provide for dust suppression.
- Screen remainder of the staging area with XRF and remove material exceeding initial screening levels.
- Collect remainder of confirmation soil samples as outlined in the Corrective Action Plan.
- Decontaminate earth moving equipment.

ARCADIS Personnel On-site:

- Mike Peer– Site Supervisor
- Danny Willis – Quality Control Engineer
- Scott Campbell – HSSO
- Jayson Peer – Field Technician
- Clarence Worrell – Field Technician

BTI Personnel On-site:

- Josh Fishbach

Visitors:

- Doug DeLong (Navy CSO)

Materials / Equipment Utilized:

- Excavator
- Water Truck
- Wheel Loader
- XRF

Health and Safety:

- Addressed traffic control measures and equipment operations
- Flying debris was a concern in light of weather conditions

Remaining material to be removed on Monday.

XRF used to screen soils.

Collection of GPS coordinates after confirmation sample collection.

ARCADIS
Infrastructure, environment, facilities

Soil Loading, Removal, Scraping and Sampling from Keller Canyon (Pittsburg, CA)

Daily Progress Report #5

Dates: 6/30/2014

Project No. CA000789.0000.PM001

Project Work Performed:

- ARCADIS/BTI held morning tailgate safety meeting; reviewed job tasks and associated hazards for the days activities.
- Applied water on truck route and working surfaces to suppress dust.
- Loaded 6 BTI trucks of soil to be disposed of as California-Hazardous waste at Clean Harbors Buttonwillow landfill. Initial removal effort complete pending confirmation samples.
- Continuously sprayed water on stockpile during truck loading to suppress dust.
- Used XRF to screen soils underlying the staging area after the initial visual scrape was completed. Screening was conducted by establishing a 10 foot by 5 foot grid pattern over the potentially affected area and collecting readings at the intersections. Where elevated lead concentrations were detected (greater than 50 ppm) additional soil was removed from the square polygons which extended 5 feet in each direction from the grid intersection. Confirmatory XRF samples were then collected from the center point at the newly establish elevation, all of which yielded results below 50 ppm screening value.
- Collected confirmation soil samples from beneath the former stockpile footprint. Samples will to be analyzed for lead by Test America. Recorded sampling time, soil description and sample locations using a hand held GPS.
- Decontaminated earth moving equipment
- Demobilized from the site.

ARCADIS Personnel On-site:

- Mike Peer– Site Supervisor
- Danny Willis – Quality Control Engineer
- Scott Campbell – HSSO
- Jayson Peer – Field Technician
- Clarence Worrell – Field Technician

BTI Personnel On-site:

- Josh Fishbach

Visitors:

- Doug DeLong (Navy CSO)

Materials / Equipment Utilized:

- Excavator
- Water Truck
- Wheel Loader
- XRF

Health and Safety:

- Addressed traffic control measures and equipment operations.
- Flying debris was a concern in light of weather conditions.
- Extreme heat and importance of remaining hydrated were discussed.

Loading of waste materials.

Scraping of XRF areas where lead concentrations were initially above conservative screening criteria.

Site after initial T&D activities were completed. Fencing will remain until confirmation samples are processed and no further action is required.

ARCADIS

Attachment B
Laboratory Analytical Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-58329-1
Client Project/Site: Keller Canyon

For:
ARCADIS U.S., Inc.
630 Plaza Drive
Suite 100
Highlands Ranch, Colorado 80129-2377

Attn: Rebecca Lindeman

Authorized for release by:
6/30/2014 9:40:11 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-1-062714 — Lab Sample ID: 720-58329-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.3		0.38		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-2-062714 — Lab Sample ID: 720-58329-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.4		0.41		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-3-062714 — Lab Sample ID: 720-58329-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.45		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-4-062714 — Lab Sample ID: 720-58329-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28		0.43		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-5-062714 — Lab Sample ID: 720-58329-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.3		0.41		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-6-062714 — Lab Sample ID: 720-58329-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6		0.41		mg/Kg	1		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-7-062714 — Lab Sample ID: 720-58329-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.9		0.45		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-1-062714
Date Collected: 06/27/14 11:21
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-1
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		0.38		mg/Kg		06/28/14 11:28	06/30/14 18:12	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-2-062714
Date Collected: 06/27/14 12:07
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-2
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.4		0.41		mg/Kg		06/28/14 11:28	06/30/14 18:22	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-3-062714
Date Collected: 06/27/14 12:12
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-3
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.45		mg/Kg		06/28/14 11:28	06/30/14 18:27	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-4-062714
Date Collected: 06/27/14 12:15
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-4
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		0.43		mg/Kg		06/28/14 11:28	06/30/14 18:32	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-5-062714
Date Collected: 06/27/14 12:20
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-5
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.3		0.41		mg/Kg		06/28/14 11:28	06/30/14 18:47	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-6-062714
Date Collected: 06/27/14 12:25
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-6
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6		0.41		mg/Kg		06/28/14 11:28	06/30/14 18:51	1

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-7-062714
Date Collected: 06/27/14 12:30
Date Received: 06/27/14 15:15

Lab Sample ID: 720-58329-7
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		0.45		mg/Kg		06/28/14 11:28	06/30/14 18:56	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-162061/1-A
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		06/28/14 11:28	06/30/14 17:48	1

Lab Sample ID: LCS 720-162061/2-A
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	45.8		mg/Kg		92	80 - 120

Lab Sample ID: LCSD 720-162061/3-A
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	45.5		mg/Kg		91	80 - 120	1	20

Lab Sample ID: LCSSRM 720-162061/25-A
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162061

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	302	252		mg/Kg		84	62 - 113

Lab Sample ID: 720-58329-1 MS
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: KC-ARCADIS-SOIL-1-062714
Prep Type: Total/NA
Prep Batch: 162061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	4.3		44.6	23.5	F1	mg/Kg		43	75 - 125

Lab Sample ID: 720-58329-1 MSD
Matrix: Solid
Analysis Batch: 162157

Client Sample ID: KC-ARCADIS-SOIL-1-062714
Prep Type: Total/NA
Prep Batch: 162061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	4.3		39.4	30.7	F1 F2	mg/Kg		67	75 - 125	27	20

Metals

Prep Batch: 162061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58329-1	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	3050B	
720-58329-1 MS	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	3050B	
720-58329-1 MSD	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	3050B	
720-58329-2	KC-ARCADIS-SOIL-2-062714	Total/NA	Solid	3050B	
720-58329-3	KC-ARCADIS-SOIL-3-062714	Total/NA	Solid	3050B	
720-58329-4	KC-ARCADIS-SOIL-4-062714	Total/NA	Solid	3050B	
720-58329-5	KC-ARCADIS-SOIL-5-062714	Total/NA	Solid	3050B	
720-58329-6	KC-ARCADIS-SOIL-6-062714	Total/NA	Solid	3050B	
720-58329-7	KC-ARCADIS-SOIL-7-062714	Total/NA	Solid	3050B	
LCS 720-162061/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-162061/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-162061/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-162061/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 162157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58329-1	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	6010B	162061
720-58329-1 MS	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	6010B	162061
720-58329-1 MSD	KC-ARCADIS-SOIL-1-062714	Total/NA	Solid	6010B	162061
720-58329-2	KC-ARCADIS-SOIL-2-062714	Total/NA	Solid	6010B	162061
720-58329-3	KC-ARCADIS-SOIL-3-062714	Total/NA	Solid	6010B	162061
720-58329-4	KC-ARCADIS-SOIL-4-062714	Total/NA	Solid	6010B	162061
720-58329-5	KC-ARCADIS-SOIL-5-062714	Total/NA	Solid	6010B	162061
720-58329-6	KC-ARCADIS-SOIL-6-062714	Total/NA	Solid	6010B	162061
720-58329-7	KC-ARCADIS-SOIL-7-062714	Total/NA	Solid	6010B	162061
LCS 720-162061/2-A	Lab Control Sample	Total/NA	Solid	6010B	162061
LCSD 720-162061/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	162061
LCSSRM 720-162061/25-A	Lab Control Sample	Total/NA	Solid	6010B	162061
MB 720-162061/1-A	Method Blank	Total/NA	Solid	6010B	162061

Client Sample ID: KC-ARCADIS-SOIL-1-062714 — **Lab Sample ID: 720-58329-1**
Date Collected: 06/27/14 11:21 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:12	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-2-062714 — **Lab Sample ID: 720-58329-2**
Date Collected: 06/27/14 12:07 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:22	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-3-062714 — **Lab Sample ID: 720-58329-3**
Date Collected: 06/27/14 12:12 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:27	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-4-062714 — **Lab Sample ID: 720-58329-4**
Date Collected: 06/27/14 12:15 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:32	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-5-062714 — **Lab Sample ID: 720-58329-5**
Date Collected: 06/27/14 12:20 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:47	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-6-062714 — **Lab Sample ID: 720-58329-6**
Date Collected: 06/27/14 12:25 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:51	CAM	TAL PLS

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Client Sample ID: KC-ARCADIS-SOIL-7-062714 — **Lab Sample ID: 720-58329-7**
Date Collected: 06/27/14 12:30 — Matrix: Solid
Date Received: 06/27/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162061	06/28/14 11:28	CTD	TAL PLS
Total/NA	Analysis	6010B		1	162157	06/30/14 18:56	CAM	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58329-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-58329-1	KC-ARCADIS-SOIL-1-062714	Solid	06/27/14 11:21	06/27/14 15:15
720-58329-2	KC-ARCADIS-SOIL-2-062714	Solid	06/27/14 12:07	06/27/14 15:15
720-58329-3	KC-ARCADIS-SOIL-3-062714	Solid	06/27/14 12:12	06/27/14 15:15
720-58329-4	KC-ARCADIS-SOIL-4-062714	Solid	06/27/14 12:15	06/27/14 15:15
720-58329-5	KC-ARCADIS-SOIL-5-062714	Solid	06/27/14 12:20	06/27/14 15:15
720-58329-6	KC-ARCADIS-SOIL-6-062714	Solid	06/27/14 12:25	06/27/14 15:15
720-58329-7	KC-ARCADIS-SOIL-7-062714	Solid	06/27/14 12:30	06/27/14 15:15

ARCADIS
Infrastructure Water Environment Buildings

ID#: 720-58329

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order #: 154658

6/30/2014

ED_002781A_00006121-00165

Page 19 of 21

Send Results to:

Contact & Company Name: ~~Hunters Point~~ Rebecca Lindeman
Telephone: 970.871.4832
Address:
Fax:
City / State / Zip:
E-mail Address: Rebecca.lindeman@arcadis-us.com
Project Name/Location (City, State): Keller Canyon
Project #: CA000789.0000.PM001
Sampler's Printed Name: Danny Willis
Sampler's Signature:

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	Lead (6010)
KC-ARCADIS-Soil-1-062714	6/27/14	1121		X	Soil	X
KC-ARCADIS-Soil-2-062714		1207		X		X
KC-ARCADIS-Soil-3-062714		1212		X		X
KC-ARCADIS-Soil-4-062714		1215		X		X
KC-ARCADIS-Soil-5-062714		1220		X		X
KC-ARCADIS-Soil-6-062714		1225		X		X
KC-ARCADIS-Soil-7-062714		1230		X		X

Preservative
Filtered (✓)
# of Containers: 7
Container Information: 8 oz

PARAMETER ANALYSIS & METHOD

Keys

Preservation Key: A. H_2SO_4 B. HCL C. HNO_3 D. NaOH E. None F. Other: ____ G. Other: ____ H. Other: ____

Container Information Key: 1. 40 ml Vial 2. 1 L Amber 3. 250 ml Plastic 4. 500 ml Plastic 5. Encore 6. 2 oz. Glass 7. 4oz. Glass 8. 8 oz. Glass 9. Other: ____ 10 Other: ____

Matrix Key: SO - Soil SE - Sediment NL - NAPL/Oil W - Water SL - Sludge SW - Sample Wipe T - Tissue A - Air Other: ____

REMARKS

720-58329 Chain of Custody

RUSH

Special Instructions/Comments: If total results exceed 50ppm for Lead run STLC analysis. Call w/ questions.

☐ Special QA/QC Instructions(✓): For field/sampling questions call Danny Willis @ 585-704-4430

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name:	Cooler Custody Seal (✓)	Printed Name: Danny Willis	Printed Name: T. Stitt	Printed Name: T. Stitt	Printed Name: J Gonzales
☐ Cooler packed with ice (✓)	☐ Intact ☐ Not Intact	Signature:	Signature:	Signature:	Signature:
Specify Turnaround Requirements:	Sample Receipt	Firm: ARCADIS	Firm/Courier: Test America	Firm/Courier: TA	Firm: TAP
Shipping Tracking #:	Condition/Cooler Temp: 5.2°C	Date/Time: 6/27/14 1330	Date/Time: 6/27/14 @ 1440	Date/Time: 6/27/14 @ 1515	Date/Time: 6/27/14 1515

20730826 CofC AR Form 01.12 2007

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

Salimpour, Afsaneh

From: Willis, Daniel [Daniel.Willis@arcadis-us.com]
Sent: Friday, June 27, 2014 3:49 PM
To: Salimpour, Afsaneh
Subject: RE: Lead project

Afsaneh,

For the 7 samples ARCADIS submitted today and for the 3 additional we anticipate to send on Monday please perform rush (24 hour TAT) analysis for Lead (6010). Please call with any questions. Thank you and have a good weekend

Danny Willis, Project EIT | Staff Civil Engineer | daniel.willis@arcadis-us.com
ARCADIS U.S., Inc. | 100 Montgomery Street, Suite 300 | San Francisco, CA 94104
M. 585.704.4430 |
www.arcadis-us.com
ARCADIS, Imagine the result


Please consider the environment before printing this e-mail.

From: Salimpour, Afsaneh [mailto:Afsaneh.Salimpour@testamericainc.com]
Sent: Friday, June 27, 2014 3:37 PM
To: Willis, Daniel
Subject: Lead project

AFSANEH SALIMPOUR
Senior Project Manager
TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
1220 Quarry Lane
Pleasanton, CA 94566
Tel 925.484.1919 | Fax 925.600.3002
www.testamericainc.com

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-58329-1

Login Number: 58329

List Number: 1

Creator: Gonzales, Justinn

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Sample Login Analytes / Limits

Job 720-58329-1

Client Job Description:	Keller Canyon	**Report To:**	ARCADIS U.S., Inc. Rebecca Lindeman 630 Plaza Drive Suite 100 Highlands Ranch, CO 80129-2377
Purchase Order #:	CA000789.0000.PM001		
Work Order #:			
Project Manager:	Dimple Sharma		
Job Due Date:	6/30/2014		
Job TAT:	1 Day RUSH		
Max Deliverable Level:	II	**Bill To:**	ARCADIS U.S. Inc Accounts Payable 630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129
Earliest Deliverable Due:	6/30/2014		

Login 720-58329

Sample Receipt:	6/27/2014 3:15:00 PM	**Number of Coolers:**	1
Method of Delivery:	Lab Courier	**Cooler Temperature(s) (C°):**	5.2;

Method	Method Description	Rpt Basis			Units	Sample #s Applicable
6010B	**Lead**	Total	MDL	RL		1,2,3,4,5,6,7
	Lead		0.105	0.5	mg/Kg	

Sample Login Acknowledgement

Job 720-58329-1

Client Job Description:	Keller Canyon	**Report To:**	ARCADIS U.S., Inc.
Purchase Order #:	CA000789.0000.PM001		Rebecca Lindeman
Work Order #:			630 Plaza Drive Suite 100 Highlands Ranch, CO 80129-2377
Project Manager:	Dimple Sharma		
Job Due Date:	6/30/2014		
Job TAT:	1 Day RUSH		
Max Deliverable Level:	II	**Bill To:**	ARCADIS U.S. Inc
			Accounts Payable
Earliest Deliverable Due:	6/30/2014		630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129

Login 720-58329

Sample Receipt:	6/27/2014 3:15:00 PM	**Number of Coolers:**	1
Method of Delivery:	Lab Courier	**Cooler Temperature(s) (C°):**	5.2;

Lab Sample # / Method	Client Sample ID / Method Description / Work Location	Date Sampled	Matrix	Rpt Basis	Dry / Wet **
720-58329-1	**KC-ARCADIS-SOIL-1-062714**	**6/27/2014 11:21:00 AM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-2	**KC-ARCADIS-SOIL-2-062714**	**6/27/2014 12:07:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-3	**KC-ARCADIS-SOIL-3-062714**	**6/27/2014 12:12:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-4	**KC-ARCADIS-SOIL-4-062714**	**6/27/2014 12:15:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-5	**KC-ARCADIS-SOIL-5-062714**	**6/27/2014 12:20:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-6	**KC-ARCADIS-SOIL-6-062714**	**6/27/2014 12:25:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58329-7	**KC-ARCADIS-SOIL-7-062714**	**6/27/2014 12:30:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-58353-1
Client Project/Site: Keller Canyon

For:
ARCADIS U.S., Inc.
630 Plaza Drive
Suite 100
Highlands Ranch, Colorado 80129-2377

Attn: Rebecca Lindeman

Authorized for release by:
7/1/2014 3:47:16 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-58353-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-58353-1

Comments
No additional comments.

Receipt
The samples were received on 6/30/2014 3:02 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 0.7° C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Client Sample ID: KC-ARCADIS-SOIL-8-063014 — **Lab Sample ID: 720-58353-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2		1.7		mg/Kg	4		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-9-063014 — **Lab Sample ID: 720-58353-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		2.0		mg/Kg	4		6010B	Total/NA

Client Sample ID: KC-ARCADIS-SOIL-10-063014 — **Lab Sample ID: 720-58353-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.6		2.0		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Client Sample ID: KC-ARCADIS-SOIL-8-063014
Date Collected: 06/30/14 12:45
Date Received: 06/30/14 15:02

Lab Sample ID: 720-58353-1
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		1.7		mg/Kg		06/30/14 19:10	07/01/14 13:23	4

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Client Sample ID: KC-ARCADIS-SOIL-9-063014
Date Collected: 06/30/14 12:50
Date Received: 06/30/14 15:02

Lab Sample ID: 720-58353-2
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		2.0		mg/Kg		06/30/14 19:10	07/01/14 13:32	4

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Client Sample ID: KC-ARCADIS-SOIL-10-063014
Date Collected: 06/30/14 12:55
Date Received: 06/30/14 15:02

Lab Sample ID: 720-58353-3
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.6		2.0		mg/Kg		06/30/14 19:10	07/01/14 13:37	4

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-162155/1-A
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 162155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		06/30/14 19:10	07/01/14 12:59	1

Lab Sample ID: LCS 720-162155/2-A
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	50.4		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 720-162155/3-A
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 162155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	51.2		mg/Kg		102	80 - 120	2	20

Lab Sample ID: LCSSRM 720-162155/25-A
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 162155

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	302	266		mg/Kg		88	62 - 113

Lab Sample ID: 720-58353-1 MS
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: KC-ARCADIS-SOIL-8-063014
Prep Type: Total/NA
Prep Batch: 162155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	4.2		47.2	48.0		mg/Kg		93	75 - 125

Lab Sample ID: 720-58353-1 MSD
Matrix: Solid
Analysis Batch: 162230

Client Sample ID: KC-ARCADIS-SOIL-8-063014
Prep Type: Total/NA
Prep Batch: 162155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	4.2		44.6	46.2		mg/Kg		94	75 - 125	4	20

Metals

Prep Batch: 162155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58353-1	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	3050B	
720-58353-1 MS	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	3050B	
720-58353-1 MSD	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	3050B	
720-58353-2	KC-ARCADIS-SOIL-9-063014	Total/NA	Solid	3050B	
720-58353-3	KC-ARCADIS-SOIL-10-063014	Total/NA	Solid	3050B	
LCS 720-162155/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-162155/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-162155/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-162155/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 162230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58353-1	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	6010B	162155
720-58353-1 MS	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	6010B	162155
720-58353-1 MSD	KC-ARCADIS-SOIL-8-063014	Total/NA	Solid	6010B	162155
720-58353-2	KC-ARCADIS-SOIL-9-063014	Total/NA	Solid	6010B	162155
720-58353-3	KC-ARCADIS-SOIL-10-063014	Total/NA	Solid	6010B	162155
LCS 720-162155/2-A	Lab Control Sample	Total/NA	Solid	6010B	162155
LCSD 720-162155/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	162155
LCSSRM 720-162155/25-A	Lab Control Sample	Total/NA	Solid	6010B	162155
MB 720-162155/1-A	Method Blank	Total/NA	Solid	6010B	162155

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Client Sample ID: KC-ARCADIS-SOIL-8-063014 — **Lab Sample ID: 720-58353-1**
Date Collected: 06/30/14 12:45 — Matrix: Solid
Date Received: 06/30/14 15:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162155	06/30/14 19:10	CTD	TAL PLS
Total/NA	Analysis	6010B		4	162230	07/01/14 13:23	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-9-063014 — **Lab Sample ID: 720-58353-2**
Date Collected: 06/30/14 12:50 — Matrix: Solid
Date Received: 06/30/14 15:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162155	06/30/14 19:10	CTD	TAL PLS
Total/NA	Analysis	6010B		4	162230	07/01/14 13:32	CAM	TAL PLS

Client Sample ID: KC-ARCADIS-SOIL-10-063014 — **Lab Sample ID: 720-58353-3**
Date Collected: 06/30/14 12:55 — Matrix: Solid
Date Received: 06/30/14 15:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			162155	06/30/14 19:10	CTD	TAL PLS
Total/NA	Analysis	6010B		4	162230	07/01/14 13:37	CAM	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Keller Canyon

TestAmerica Job ID: 720-58353-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-58353-1	KC-ARCADIS-SOIL-8-063014	Solid	06/30/14 12:45	06/30/14 15:02
720-58353-2	KC-ARCADIS-SOIL-9-063014	Solid	06/30/14 12:50	06/30/14 15:02
720-58353-3	KC-ARCADIS-SOIL-10-063014	Solid	06/30/14 12:55	06/30/14 15:02

ARCADIS
Infrastructure Water Environment Buildings

ID#: 720-58353

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order # 154675

7/1/2014

ED_002781A_00006121-00184

Page 15 of 16

Send Results to:

Contact & Company Name: Rebecca Lindeman (ARCADIS)
Telephone: 970.871.4832
Address:
Fax:
City State Zip
E-mail Address: Rebecca.Lindeman@ARCADIS-US.com
Project Name/Location (City, State): Keller Canyon (Pittsburg, CA)
Project #: CA000789.0000
Sampler's Printed Name:
Sampler's Signature:

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	Lead (6010)
KC-ARCADIS-Soil-8-063014	6/30/14	1245		X	Soil	X
KC-ARCADIS-Soil-9-063014	↓	1250		X	↓	X
KC-ARCADIS-Soil-10-063014	↓	1255		X	↓	X

Preservative
Filtered (✓)
# of Containers: 3
Container Information: 8oz jar

PARAMETER ANALYSIS & METHOD

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other:
G. Other:
H. Other:

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other:
10. Other:

Matrix Key:
SO - Soil
W - Water
T - Tissue
SE - Sediment
SL - Sludge
A - Air
NL - NAPL/Oil
SW - Sample Wipe
Other:

REMARKS

Run 24-hr TAT

RUSH

720-58353 Chain of Custody

Special Instructions/Comments: If total results exceed 50 ppm for Lead, run STLC analysis. Call w/ Questions

☐ Special QA/QC Instructions(✓): For field/sampling questions call Danny Willis @ 585-704-4430

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name:	Cooler Custody Seal (✓) ☐ Intact ☐ Not Intact	Printed Name: Danny Willis	Printed Name: Keith Hammerle	Printed Name: Keith Hammerle	Printed Name: J Gonzales
☐ Cooler packed with ice (✓)		Signature:	Signature:	Signature:	Signature:
Specify Turnaround Requirements:	Sample Receipt:	Firm: ARCADIS	Firm/Courier: TAP	Firm/Courier: TAP	Firm: TAP
Shipping Tracking #:	Condition/Cooler Temp: 0-7°c	Date/Time: 6/30/14 1340	Date/Time: 6-30-14 1405	Date/Time: 6-30-14 1502	Date/Time: 6/30/14 1502

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 720-58353-1

Login Number: 58353

List Number: 1

Creator: Gonzales, Justinn

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Sample Login Analytes / Limits

Job 720-58353-1

Client Job Description:	Keller Canyon	**Report To:**	ARCADIS U.S., Inc.
Purchase Order #:	CA000789.0000		Rebecca Lindeman
Work Order #:			630 Plaza Drive Suite 100 Highlands Ranch, CO 80129-2377
Project Manager:	Dimple Sharma		
Job Due Date:	7/1/2014		
Job TAT:	1 Day RUSH		
Max Deliverable Level:	II	**Bill To:**	ARCADIS U.S. Inc
			Accounts Payable
Earliest Deliverable Due:	7/1/2014		630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129

Login 720-58353

Sample Receipt:	6/30/2014 3:02:00 PM	**Number of Coolers:**	1
Method of Delivery:	Lab Courier	**Cooler Temperature(s) (C°):**	0.7;

Method	Method Description	Rpt Basis			Units	Sample #s Applicable
6010B	**Lead**	Total	MDL	RL		1,2,3
	Lead		0.105	0.5	mg/Kg	

Sample Login Acknowledgement

Job 720-58353-1

Client Job Description:	Keller Canyon	**Report To:**	ARCADIS U.S., Inc. Rebecca Lindeman 630 Plaza Drive Suite 100 Highlands Ranch, CO 80129-2377
Purchase Order #:	CA000789.0000		
Work Order #:			
Project Manager:	Dimple Sharma		
Job Due Date:	7/1/2014		
Job TAT:	1 Day RUSH		
Max Deliverable Level:	II	**Bill To:**	ARCADIS U.S. Inc Accounts Payable 630 Plaza Drive, Suite 600 Highlands Ranch, CO 80129
Earliest Deliverable Due:	7/1/2014		

Login 720-58353

Sample Receipt:	6/30/2014 3:02:00 PM	**Number of Coolers:**	1
Method of Delivery:	Lab Courier	**Cooler Temperature(s) (C°):**	0.7;

Lab Sample #	Client Sample ID	Date Sampled	Matrix		
Method	**Method Description / Work Location**			**Rpt Basis**	**Dry / Wet ****
720-58353-1	**KC-ARCADIS-SOIL-8-063014**	**6/30/2014 12:45:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58353-2	**KC-ARCADIS-SOIL-9-063014**	**6/30/2014 12:50:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet
720-58353-3	**KC-ARCADIS-SOIL-10-063014**	**6/30/2014 12:55:00 PM**	**Solid**		
6010B	Lead / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

ARCADIS

Attachment C
Tonnage Report and
Manifests

Lindeman, Rebecca

From: Kelly Graser <kgraser@btienvironmental.com>
Sent: Tuesday, July 01, 2014 3:09 PM
To: Nicely, Matt; Willis, Daniel; Morris, Scott
Cc: Brad Bonner
Subject: Buttonwillow Tonnage For 6/24/14-6/30/14

Tonnage information for the Non-RCRA soil. This information is what is uploaded into the Buttonwillow system. The number of loads per day match the QC from the site and the delivered loads at the landfill. The last load was a cleanup load and had a total 12.8 tons. The last load will have a minimum assessed. See details below-

Buttonwillow
total loads 73
total tons 1,709.32

Date	Manifest	Approval	Ton		
6/24/2014	008879296JJK	CH490987B	20.13		
6/24/2014	008879297JJK	CH490987B	22.61		
6/24/2014	008879298JJK	CH490987B	23.08		
6/24/2014	008879299JJK	CH490987B	22.99		
6/24/2014	008879300JJK	CH490987B	24.42		
6/24/2014	008879301JJK	CH490987B	21.06		
6/24/2014	008879302JJK	CH490987B	23.40		
6/24/2014	008879303JJK	CH490987B	22.25		
6/24/2014	008879304JJK	CH490987B	24.61		
6/24/2014	008879305JJK	CH490987B	24.10		
6/24/2014	008879306JJK	CH490987B	24.11		
6/24/2014	008879307JJK	CH490987B	23.21		
6/24/2014	008879308JJK	CH490987B	22.93		
6/24/2014	008879309JJK	CH490987B	22.66		
6/24/2014	008879310JJK	CH490987B	23.88		
6/24/2014	008879311JJK	CH490987B	24.12		
6/24/2014	008879312JJK	CH490987B	23.57		
6/24/2014	008879313JJK	CH490987B	24.98		
6/24/2014	008879314JJK	CH490987B	24.61		
6/24/2014	008879315JJK	CH490987B	24.54	Loads	21
6/24/2014	008879316JJK	CH490987B	24.04	Total	491.3
6/25/2014	008879317JJK	CH490987B	21.59		
6/25/2014	008879318JJK	CH490987B	21.71		
6/25/2014	008879319JJK	CH490987B	23.15		

6/25/2014	008879320JJK	CH490987B	20.30		
6/25/2014	008879321JJK	CH490987B	20.70		
6/25/2014	008879322JJK	CH490987B	24.42		
6/25/2014	008879323JJK	CH490987B	21.83		
6/25/2014	008879324JJK	CH490987B	20.86		
6/25/2014	008879325JJK	CH490987B	21.02		
6/25/2014	008879326JJK	CH490987B	22.93		
6/25/2014	008879327JJK	CH490987B	24.66		
6/25/2014	008879328JJK	CH490987B	22.61		
6/25/2014	008879329JJK	CH490987B	23.74		
6/25/2014	008879330JJK	CH490987B	24.45		
6/25/2014	008879331JJK	CH490987B	24.56		
6/25/2014	008879332JJK	CH490987B	24.23		
6/25/2014	008879333JJK	CH490987B	23.15		
6/25/2014	008879334JJK	CH490987B	25.09		
6/25/2014	008879335JJK	CH490987B	25.11	Loads	20
6/25/2014	008879336JJK	CH490987B	25.91	Total	462.02
6/26/2014	008879337JJK	CH490987B	21.90		
6/26/2014	008879338JJK	CH490987B	23.80		
6/26/2014	008879339JJK	CH490987B	22.95		
6/26/2014	008879340JJK	CH490987B	21.84		
6/26/2014	008879341JJK	CH490987B	24.38		
6/26/2014	008879342JJK	CH490987B	22.69		
6/26/2014	008879343JJK	CH490987B	24.39		
6/26/2014	008879344JJK	CH490987B	24.40		
6/26/2014	008879345JJK	CH490987B	23.88		
6/26/2014	008879346JJK	CH490987B	24.16		
6/26/2014	008879347JJK	CH490987B	22.07		
6/26/2014	008879348JJK	CH490987B	24.32		
6/26/2014	008879349JJK	CH490987B	23.64		
6/26/2014	008879350JJK	CH490987B	24.69		
6/26/2014	008879351JJK	CH490987B	24.28		
6/26/2014	008879352JJK	CH490987B	25.22		
6/26/2014	008879353JJK	CH490987B	24.99	Loads	18
6/26/2014	008879354JJK	CH490987B	24.87	Total	428.47
6/27/2014	008879355JJK	CH490987B	23.05		
6/27/2014	008879356JJK	CH490987B	23.82		
6/27/2014	008879357JJK	CH490987B	23.65		
6/27/2014	008879358JJK	CH490987B	24.04		
6/27/2014	008879359JJK	CH490987B	24.02		
6/27/2014	008879360JJK	CH490987B	23.50		
6/27/2014	008879361JJK	CH490987B	25.02	Loads	8
6/27/2014	008879362JJK	CH490987B	24.97	Total	192.07
6/30/2014	008879363JJK	CH490987B	22.43		

6/30/2014	008879364JJK	CH490987B	24.62		
6/30/2014	008879365JJK	CH490987B	25.10		
6/30/2014	008879366JJK	CH490987B	25.59		
6/30/2014	008879367JJK	CH490987B	24.92	Loads	6
6/30/2014	008879368JJK	CH490987B	12.80	Total	135.46

Kelly Graser
Bradley Tanks, Inc
Director of Compliance
402 Hartz Avenue, Building C
Danville,CA 94526
Cell:510-207-9927
Efax: 510-803-5084
DBE, MBE, WBE, SBE
www.btienvironmental.com

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Bradley Trucking Inc

U.S. EPA ID Number: CAR000[illegible]

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste solid (filter media)	001	DT	0018	T	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
		6	24	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Leon Patent		6	24	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			008379297 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Manuel Gutierrez | Signature | Month: 12 | Day: 24 | Year: 21

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name | Signature | Month | Day | Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			005473238 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	00025	Y	999
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year: 06 12 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year: 06 12 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			009279299 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Evoll Tech Inc — U.S. EPA ID Number: CAD 0[illegible]3968

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid, n.o.s. soil)	001	01	00012	T	D15
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information — EPA #[illegible] Certificate of [illegible] required with a weight ticket. Waste approved [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	27	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	27	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			003373300 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace amounts)	001	DT	02115	T	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
		06	24	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
		06	24	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 003879301 JJK

5. Generator's Name and Mailing Address
[illegible]
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
[illegible]

6. Transporter 1 Company Name	U.S. EPA ID Number
Bird[illegible] Tank Inc	CAR000[illegible]
7. Transporter 2 Company Name	**U.S. EPA ID Number**
8. Designated Facility Name and Site Address	**U.S. EPA ID Number**
Clean Harbors Buttonwillow 2500 West Lokern Road Buttonwillow, CA 93206 [illegible] Facility's Phone:	CAD[illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	[illegible]	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
[illegible] [illegible] Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # [illegible]
SO # A78893201 [illegible]
[illegible]

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	06	24	14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tim Borba	[signature]	06	24	14
Transporter 2 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR · INT'L · TRANSPORTER · DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	005270302 JJK

GENERATOR

5. Generator's Name and Mailing Address

[illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)

[illegible]

6. Transporter 1 Company Name: Bradley Trucking Inc.

U.S. EPA ID Number: CAD009345748

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6700

U.S. EPA ID Number: CAD042067210

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	CT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No.: [illegible] ERG #171 Certificate of exemption/dimension required and a weight ticket. Wear appropriate PPE.
Tracking #: 16[illegible] Waste originally shipped under manifest(s) [illegible] through [illegible] to Keller Canyon Landfill
[illegible] Waste is being reshipped under this / other manifest(s) to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	01	24	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
KORY GARCIA	[illegible]	01	24	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			003879303 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non RCRA hazardous waste (solid, n.o.s. metals)	001	01	0001	P			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name — Signature — Month Day Year

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GENERATOR'S INITIAL COPY

ED_002781A_00006121-00199

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number: 005272536A JJK

GENERATOR

5. Generator's Name and Mailing Address | Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: LTT | U.S. EPA ID Number: CAR000148288

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 (661) 762-6100 | U.S. EPA ID Number: CAD009122576

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0012	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approved No. 01280273 ERG 171 Containers received/destroyed required and a weight ticket. Wear appropriate PPE. Profile # 16779 Waste signed, shipped under non-petroleum trace metals per 40CFR261 except 261.24(a) or other Cal-only Lamps. 20 A7033701 waste is non-rebated. Waste is being packaged under the 1 other manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	6	14	19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	6	14	19
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

ED_002781A_00006121-00200

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 005679305 JJK

5. Generator's Name and Mailing Address: [illegible]
Generator's Phone: [illegible]
Generator's Site Address (if different than mailing address): [illegible]

6. Transporter 1 Company Name: Los Gomez — U.S. EPA ID Number: CAR000117210

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 [illegible]
Facility's Phone:
U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0012	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16570 [illegible]
SD # A72593201 [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month 06 Day 04 Year 14

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Carlos Gomez Signature: [signature] Month 06 Day 04 Year 14
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	[illegible]	[illegible]	[illegible]	[illegible] JJK

GENERATOR

5. Generator's Name and Mailing Address: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 661-762-6700

Facility's Phone:

U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DF	0015	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] [illegible] [illegible]
Tracking # [illegible] [illegible]
SO # [illegible] [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricardo Aguirre — Signature: [illegible] — Month Day Year: [illegible]

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 008379307 JJK

GENERATOR

5. Generator's Name and Mailing Address
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661 762-6100
U.S. EPA ID Number: CAD 008 375 376
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	T	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CAL000079376 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16572 Wear respirator when handling waste material. DO NOT mix with Halogens. Refer to Waste Profile
SO # 4702393201 sheet if not labeled. Waste is being managed under the Tiered Permitting Program at Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year: 6 | 3 | 14

INT'L

16. International Shipments
☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TRUCKING MARQUEZ | Signature | Month: 6 | Day: 13 | Year: 14

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	0023303 JJK

GENERATOR

5. Generator's Name and Mailing Address
[illegible]
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
[illegible]

6. Transporter 1 Company Name
[illegible]
U.S. EPA ID Number
CAR [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow CA 93206 661 767 6200
Facility's Phone:
U.S. EPA ID Number
CAD 0 8 0 2 3 5 2 9 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	CY	0018	P	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CHA[illegible]78 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 10573 Waste signed, shipped under the conditions and/or manifest # [illegible] through [illegible] to either / or [illegible]
SO # A7[illegible]3301 please see comments. Waste is being shipped under the other regulations to Clean Harbors Buttonwillow, CA Facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	24	17

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	24	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]
2. Page 1 of [illegible]
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 008379309 JJK

5. Generator's Name and Mailing Address: [illegible]
Generator's Phone: [illegible]
Generator's Site Address (if different than mailing address): [illegible]

6. Transporter 1 Company Name: Magaez Trucking
U.S. EPA ID Number: CAL [illegible]

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	[illegible]	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16274 Waste originally shipped under non-hazardous waste manifest # [illegible] through [illegible] to [illegible]
ID # A78893201 where it was refused. Waste is being reshipped under this & other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month/Day/Year: 06/24/14

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jose Garcia Signature: [signature] Month/Day/Year: 06/24/14
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number: 008779313 JJK

GENERATOR

5. Generator's Name and Mailing Address | Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name | U.S. EPA ID Number

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address | U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	CT	0018	Y	523
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No. CHA080278 EPA 8171 Certificate of disposal/destruction required and weight verified. Waste approved PPL tracking # 76272 Waste originally shipped under manifest/BOL number(s) # 1587869 through 1587910 to Peter Cox in Linden SO # A7885201 where it was refused. Waste is being reshipped under this manifest to Chem Nuclear Systems, LLC in SC.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year: 12 | 4 | 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Santiago Ruiz | Signature | Month | Day | Year: 12 | 4 | 14

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	008379311 JJK

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS) [illegible]
[illegible]
San Francisco, CA [illegible]

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA [illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name: EPA Truck [illegible]
U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: [illegible] (AG #171) Certificate of disposal/destruction required and a weight ticket; Wear appropriate PPE
Tracking # 16576 [illegible] shipped under nonhazardous waste manifest # [illegible] through [illegible] to [illegible]
[illegible] Waste is being reshipped under [illegible] other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [signature] | Month 04 Day 24 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alfredo Chavez | Signature: [signature] | Month 04 Day 24 Year 14
Transporter 2 Printed/Typed Name | Signature | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]
2. Page 1 of 1
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 0038733312 JJK

5. Generator's Name and Mailing Address: US Navy [illegible] (NPS) [illegible] Suite 161 [illegible] CA [illegible] Attn: [illegible]

Generator's Phone:

Generator's Site Address (if different than mailing address): US Navy (Hunters Point Shipyard) [illegible] San Francisco, CA [illegible]

6. Transporter 1 Company Name: P Valdez Truck — U.S. EPA ID Number: CAR [illegible]
7. Transporter 2 Company Name: — U.S. EPA ID Number:
8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 661-762-6200 — U.S. EPA ID Number: CAD [illegible]

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH[illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # [illegible] Waste originally shipped under non-hazardous waste manifest # [illegible] through [illegible] to [illegible] Landfill
SO # A[illegible] where it was refused. Waste is being reshipped under this [illegible] manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: [illegible] 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Pedro Valdez — Signature: [signature] — Month Day Year: 02 04 14
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	005879313 JJK

5. Generator's Name and Mailing Address: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: CA[illegible]184[illegible]

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 — U.S. EPA ID Number: CAD980675276

Facility's Phone: 661-762-6200

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	[illegible]	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket; Wear appropriate PPE
Tracking # [illegible] Waste originally shipped under non-hazardous waste manifest# [illegible] through [illegible] to [illegible] Canyon Landfill
SO # [illegible] [illegible] Waste is being reshipped under this [illegible] manifest to Clean Harbors Buttonwillow, CA [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 06 Day 04 Year [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month 06 Day 04 Year 14
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator ID Number: [illegible]
2. Page 1 of [illegible]
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 008873314 JJK

5. Generator's Name and Mailing Address: [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

6. Transporter 1 Company Name: [illegible] U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 661 762 6200

Facility's Phone:

U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No. [illegible] ERG #171 [illegible]

Tracking # 16C79 [illegible]

SO # A78893201 [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month Day Year: [illegible] 4 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Signature: [signature] Month Day Year: [illegible] 4 14

Transporter 2 Printed/Typed Name: Signature: Month Day Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name Signature Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	008879315 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO West
1 Ave of the Palms, Suite 161
San Francisco CA 94130 Attn: [illegible]
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA 9412[illegible]

6. Transporter 1 Company Name: [illegible]
U.S. EPA ID Number: [illegible]0017031[illegible]

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD98067[illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # [illegible] *Waste originally shipped under non-hazardous waste manifest # 1587869 through 1587910 to Keller Canyon Landfill
SO # A78893201 where it was refused. Waste is being re-shipped under this 1 other manifests to Clean Harbors Buttonwillow, CA facility.*

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month 6 Day 24 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RANJIT SINGH Signature: [signature] Month 6 Day 24 Year 14
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]
2. Page 1 of: 1
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 008379316 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy NAVY PWD W (N45)
1 Ave of the Palms Suite 161
San Francisco, CA 94130 Ann DeLong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(enter Dry dock Street)
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name: Superior Tank
U.S. EPA ID Number: CAD009129329

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6100

U.S. EPA ID Number: CAD980675376

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 0148909878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 10001 Waste originally shipped under consolidation waste manifest # 1367869 through 1367910 to Keller Canyon Landfill
SO # 70293301 where it was refused. Waste is being re-shipped under this / other manifest to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David Dowty
Signature
Month: 6 Day: 4 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SURJEET SINGH
Signature
Month: 6 Day: 4 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: Day: Year:

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000[illegible]	1	Pelong (510) 72[illegible]	00879317 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W Office
1 Ave of the Palms Suite 161
San Francisco, CA 94130 Alan Leong (415) 743-4721

Generator's Site Address (if different than mailing address)
US Navy Treasure Road Property
(Yerba Buena Island)
San Francisco CA 94130

Generator's Phone:

6. Transporter 1 Company Name: Bradley Trucking Inc — U.S. EPA ID Number: CAR000224568

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

U.S. EPA ID Number: CAD[illegible]

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4909078 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 1C 6[illegible]2 Were originally shipped under nonhazardous waste manifest # 1587869 through 1587920 at Keller Canyon Landfill
SO # 4728953291 where it was rejected. Waste is being re-shipped under this / other manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Dong — Signature — Month: 06 Day: 25 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Manuel Gutierrez — Signature — Month: 06 Day: 25 Year: 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000158974	1	(510) 772-3824	008373313 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (N45)
1 Ave of the Palms, 2nd fl
San Diego, CA 92136

Generator's Site Address (if different than mailing address)
US Navy Northern Polar Opsvcen
Yerba Buena Island
San Francisco, CA 94130

Generator's Phone: Ann Delong (619) 753-3723

6. Transporter 1 Company Name: Bulk Tech Inc.
U.S. EPA ID Number: CAD 009245548

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300
Facility's Phone:
U.S. EPA ID Number: CAD 980673276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CAD009578 ERG #171. Certificate of disposal/destruction required and a weight ticket. Water appropriate PPE
Tracking # [illegible] Waste originally shipped under non-hazardous waste manifest # 1587309 through 1587310 to Keller Canyon Landfill
SO # 7800320[illegible] where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ann M. Delong
Signature
Month: 06 Day: 11 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jason Smith
Signature
Month: 6 Day: 11 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: Day: Year:

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001139676	1	Dalong (510) 772-8934	008379319 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms, Bldg 161
San Francisco, CA 94130 Attn: Dalong (415) 743-4703

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name: Bradley Trucking Inc — U.S. EPA ID Number: CAR000224568

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

U.S. EPA ID Number: CAD 9 8 0 6 7 5 9 7 6

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	511
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CN0908276 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 1604 Waste originally shipped under non-hazardous waste manifest 1587869 through 1587910 to Kettleman Hills Landfill where it was refused. Waste is being re-shipped under this / other manifest to Clean Harbors Buttonwillow, CA facility.*
SO # A7883201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dalong Dong — Signature — Month 06 Day 25 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Nicholas Sahe — Signature — Month 06 Day 25 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

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99

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Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001356*

2. Page 1 of: 1

3. Emergency Response Phone: Patong (510) 777-1834

4. Manifest Tracking Number: 00887932O JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy NRAC PWD-W (HPS)
1 Ave of the Palms, Suite-161
San Francisco, CA 94130 Attn: Patong (415) 743-4737

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Name/Number/Street)
San Francisco CA 94124

Generator's Phone:

6. Transporter 1 Company Name: Envirite Trans Inc

U.S. EPA ID Number: CAR000045468

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300

U.S. EPA ID Number: CAD981975276

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	07	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CHA000870 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1665 *Waste originally shipped under non-hazardous waste manifest # 1587269 through 1587310 to Keller Canyon Landfill SO # A7883203 where it was refused. Waste is being reshipped under this & other manifests to Clean Harbors Buttonwillow, CA facility.*

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Thomas Dolan

Signature:

Month: 06 Day: 12 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gary Dolan

Signature:

Month: 06 Day: 12 Year: 14

Transporter 2 Printed/Typed Name:

Signature:

Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001189698 | 2. Page 1 of: 1 | 3. Emergency Response Phone: DeLong (510) 772 2832 | 4. Manifest Tracking Number: 008879321 JJK

GENERATOR

5. Generator's Name and Mailing Address: US Navy SWAC PMO-W (PPS), 1 Ave of the Palms, Suite 161, San Francisco, CA 94130, Attn: DeLong (415) 743-4733
Generator's Site Address (if different than mailing address): US Navy Hunters Point Shipyard, (Inner Dry Dock Street), San Francisco, CA 94124
Generator's Phone:

6. Transporter 1 Company Name: Patriot Trans Inc | U.S. EPA ID Number: CAT000224568

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 661-763-6700
U.S. EPA ID Number: CAD981675276
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CHS0078 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 10106 Waste originally shipped under nonhazardous waste manifest # 1987869 through 1507510 to Keller Canyon Landfill
SO # A72093201 where it was rejected. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dimitris DeLong | Signature | Month: 06 | Day: 25 | Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Joe Schnitzer | Signature | Month: 06 | Day: 25 | Year: 14

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

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Form Approved. OMB No. 2060-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001[illegible]

2. Page 1 of 1

3. Emergency Response Phone: Datong (510) 772-8822

4. Manifest Tracking Number: 00387332 2 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (BPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Datong (415) 743-4732
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Marina Point Shipyard
(Jones/Donahue Streets)
San Francisco, CA 94123

6. Transporter 1 Company Name: Key Log Cat Inc

U.S. EPA ID Number: CAD[illegible]

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93706 661-762-6200
Facility's Phone:

U.S. EPA ID Number: CAD982067526

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4898878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1667 Waste originally shipped under non-hazardous waste manifest # 1587808 through 1587810 to Kettle Canyon Landfill
SD # A78893201 where it was refused. Waste is being reshipped under this / other manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Lorenzo Jackson
Signature:
Month: 06 Day: 12 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Leandro Ovalle
Signature:
Month: 06 Day: 12 Year: 14

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC000139283
2. Page 1 of: 1
3. Emergency Response Phone: Datong (510) 772-6832
4. Manifest Tracking Number: 008379323 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (JJK)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Datong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: Erickson Inc
U.S. EPA ID Number: CAD 0 0 6 4 5 6 9 5 0

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300
Facility's Phone:
U.S. EPA ID Number: CAD 0 8 0 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	312
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 14060370 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1Hn6 [illegible] originally shipped under non-hazardous waste manifest # 158765 through 158710 to Keller Canyon Landfill
SO # A78893301 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Derrick Datong
Signature:
Month: 06 Day: 26 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Borba
Signature: Tim Borba
Month: 06 Day: 26 Year: 14

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000[illegible]	1	Delong (626) 777-6832	008879324 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (PRC)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn. DeLong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94135

6. Transporter 1 Company Name: Ecology Control Ind.
U.S. EPA ID Number: CAD 009 294 746

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300
Facility's Phone:
U.S. EPA ID Number: CAD 9 8 0 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Approval No: CN4956978 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 16679 "Waste originally shipped under non-hazardous waste manifest # 1507688 through 1507710 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."
SO # A78693201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Derek Brown		10	13	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Pedro Campos		10	13	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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#114

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000118611	1	Dolong (510) 272-8832	008879325 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms, Suite 161
San Francisco CA 94130 Attn: Dolong (415) 743-4714
Generator's Phone:

Generator's Site Address (if different than mailing address)
HPS Navy Munitions Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: Bedrock Trucking Inc — U.S. EPA ID Number: CAR000244568

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: — U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	01	0018	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Tracking # 16610 SO # A7B0832011 CRG 8171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE. Waste originally shipped under non-hazardous waste manifest 1587860 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being re-shipped under this manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Dolong — Signature — Month 06 Day 25 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ruben Garcia — Signature — Month 06 Day 25 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

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25-

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000 [illegible]	1	Delong (510) 772-[illegible]	008870326 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (N69)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Delong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name: Marquez Trucking — U.S. EPA ID Number: CAL000170649

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

U.S. EPA ID Number: CAD008067326

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH8508878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking #: 46611 Waste legally shipped under non-hazardous waste manifest # 1587883 through 1587910 to Keller Canyon Landfill
SO # A7B033201 where it was refused. Waste is being re-shipped under this / other manifest to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Dekart — Signature — Month: 06 Day: 26 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jesse Guerra — Signature — Month: 06 Day: 26 Year: 14

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000183994	1	Datong (510) 772-2832	008879327 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Datong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: Magpie Trucking — U.S. EPA ID Number: CAL000270541

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300
Facility's Phone: — U.S. EPA ID Number: CAD981615276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CH000276 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1616 2 Waste originally shipped under non-hazardous waste manifest # 1587663 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.*
SO # 4788993201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Dwight Dragoo		01	13	10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Armando Martinez		01	13	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

ED_002781A_00006121-00223

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001619691	1	DeLong (510) 777-8830	006879328 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: DeLong (415) 743-4712
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Parcel/Donahue Graed)
San Francisco, CA 94124

6. Transporter 1 Company Name: Asbury Trucking — U.S. EPA ID Number: CAD 981975590

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: — U.S. EPA ID Number: CAD 980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4909878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking #: 766139 Waste originally shipped under non-hazardous waste manifest # 1587869 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.
SO # A7889201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Louise Decker		11	15	17

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Ricardo Nevarez		11	15	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001109	1	DeLong (510) 772-8932	008879329 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (MPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn. DeLong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name: P Valdez Trucking — U.S. EPA ID Number: CAT000612816

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

U.S. EPA ID Number: CAD982067576

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 1165075 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 7664 Waste originally shipped under non-hazardous waste manifest # 1587860 through 1587910 to Keller Canyon Landfill
SO # A7289320 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dan W. DeLong — Signature — Month: 04 — Day: 24 — Year: 17

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Pedro Valdez — Signature — Month: 04 — Day: 24 — Year: 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001196[illegible]	1	DeLong (510) 7[illegible]	008878330 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (MPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130
Generator's Phone: Attn: DeLong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
Parcel/Quintafine Street
San Francisco, CA 94124

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: CAD 9 8 0 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CHS909875 ERG 8171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 4615 "Waste originally shipped under non-hazardous waste manifest # 1587893 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."
SO # A7289201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month 06 Day 25 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 06 Day 25 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000158653	1	Delong (510) 772-8834	008679331 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (NPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Delong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: Evergreen Trucking
U.S. EPA ID Number: CAD 981687999

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300
Facility's Phone:
U.S. EPA ID Number: CAD 980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0015	Y	00
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: 1166878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1166878 Waste originally shipped under non-hazardous waste manifest # 1587699 through 1587710 to Kettleman Hills
SO # A7283201 where it was refused. Waste is being reshipped under this / other manifest etc to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jennifer Delong
Signature:
Month: 06 Day: 23 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Shawn D Kuhl
Signature:
Month: 06 Day: 23 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD0[illegible]
2. Page 1 of: 1
3. Emergency Response Phone: DeLong (510) 772-853[illegible]
4. Manifest Tracking Number: 003879332 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (NPS)
1 Avenue of the Palms, Suite 161
San Francisco, CA 94130 Attn: DeLong (415) 743-4715
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Parcel/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: GTZ
U.S. EPA ID Number: CA[illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD 9 8 0 6 3 5 5 7 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4900378 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16-614 Waste originally shipped under non-hazardous waste manifest # 1587866 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."
SO # A7283201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Baker
Signature
Month: 12 Day: 04 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature
Month: 12 Day: 05 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0001159046	1	DeLong (510) 772-0834	008879333 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: DeLong (415) 743-4711
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Survey/Donation Grants)
San Francisco, CA 94124

6. Transporter 1 Company Name: E & A Trucking — U.S. EPA ID Number: CAD059159046

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6700
Facility's Phone: — U.S. EPA ID Number: CAD982067576

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CH4500878 ERG #171 Certificate of disposal/destruction required and is weight ticket. Wear appropriate PPE
Tracking # 166[illegible] was originally shipped under non-hazardous waste manifest # 158736 through 158940 to Keller Canyon Landfill
SO # A78893201 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dominic DeLong — Signature: [signature] — Month 06 Day 26 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricardo Chuang — Signature: [signature] — Month 06 Day 26 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

ED_002781A_00006121-00229

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number:
CAD981989684	1	Delong (510) 72-8837	008879334 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (HPS)
1 Ave of the Palms, Bldg 161
San Francisco CA 94130 Attn: Delong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Parker/Donahue Streets)
San Francisco CA 94124 (Area B-77/78)

Generator's Phone:

6. Transporter 1 Company Name: Clean Harbors
U.S. EPA ID Number: CAD009452357

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6300

Facility's Phone:
U.S. EPA ID Number: CAD 0 8 0 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CAD008678 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 16617 Waste originally shipped under non-hazardous waste manifest # 1537863 through 1537910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.
SO # A7889201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Donald Delong		06	08	11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Brian Chomel		06	08	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

ED_002781A_00006121-00230

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001[illegible]
2. Page 1 of: 1
3. Emergency Response Phone: Dalong (510) 772-[illegible]
4. Manifest Tracking Number: 008379335 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO-W (NPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Dalong (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Numbers Point Shipyard
(Innes/Donahue Streets)
San Francisco CA 94124

6. Transporter 1 Company Name: Clean Harbors
U.S. EPA ID Number: CAR000172865

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-763-6200
Facility's Phone:
U.S. EPA ID Number: CAD982067526

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CA9500878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 16420 Wastes originally shipped under non-hazardous waste manifest # 1567163 through 1567210 to Nevada Cancon Landfill
SO # A7809201 where it was refused. Waste is being re-shipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dalong Duan
Signature:
Month: 06 Day: 25 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Randy Dyson
Signature:
Month: 06 Day: 26 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001[illegible]
2. Page 1 of: 1
3. Emergency Response Phone: Delong (510) 742-8857
4. Manifest Tracking Number: 008879336 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130
Generator's Phone: Attn: Delong (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: Scruggs
U.S. EPA ID Number: CAR000154765

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD 0 8 2 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CN1209878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16621 Waste originally shipped under manifest waste numbers # 1567885 through 1567910 by Keller Canyon Landfill
SO # A72853201 when it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Linda Delong
Signature:
Month: 1 Day: 6 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SURJEET SINGH
Signature:
Month: 1 Day: 06 Year: 14

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

ED_002781A_00006121-00232

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	006879337 JJK

GENERATOR

5. Generator's Name and Mailing Address
[illegible]
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
[illegible]

6. Transporter 1 Company Name — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6201
Facility's Phone: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	T	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CHD0078 ERG #173 Confirm if chemical/destruction required and weight ticket. Wear appropriate PPE
Tracking # 7662 Waste originally shipped under manifest # 6387863 through 6387910 to Kettleman Hills
CA # AT0880120 Waste is being reshipped under this manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	10	27	17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Juan Manuel Gutierrez	[illegible]	10	27	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number [illegible]

2. Page 1 of 1

3. Emergency Response Phone [illegible]

4. Manifest Tracking Number 00[illegible] JJK

5. Generator's Name and Mailing Address
[illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
[illegible]

6. Transporter 1 Company Name [illegible]
U.S. EPA ID Number [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Facility's Phone: Buttonwillow, CA 93206 661-762-6200
U.S. EPA ID Number CAD 9 8 0 6 7 5 2 7 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH[illegible] LAG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # [illegible] [illegible] shipped under nonhazardous waste manifest# 1587869 through 1587920 to Keller Canyon Landfill
SO # A78891201 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name [illegible] Signature [illegible] Month Day Year 6 26 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name [illegible] Signature [illegible] Month Day Year 6 26 [illegible]
Transporter 2 Printed/Typed Name Signature Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

GENERATOR · INT'L · TRANSPORTER · DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number [illegible]

2. Page 1 of [illegible]

3. Emergency Response Phone [illegible]

4. Manifest Tracking Number 00[illegible]879339 JJK

5. Generator's Name and Mailing Address [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA [illegible]

6. Transporter 1 Company Name [illegible] — U.S. EPA ID Number [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

Facility's Phone:

U.S. EPA ID Number CAD980675276

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CH[illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # [illegible] *Waste originally shipped under non-hazardous waste manifest # [illegible] through [illegible] to [illegible] Canyon Landfill
SO # A78253201 where it was refused. Waste is being reshipped under this & other manifests to Clean Harbors Buttonwillow, CA facility.*

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name [illegible] Signature [illegible] Month 01 Day [illegible] Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name [illegible] Signature [illegible] Month 01 Day [illegible] Year 14
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			0220733540 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0010	Y	831
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No. [illegible] EAG 8121 Certificate of disposal/destruction required and to weight ticket. Waste approved for Trenton B [illegible] waste origin. Shipped under non-exception case numbers [illegible] through [illegible] to Clean Harbors [illegible], CA [illegible] VOA 7/28/2021 [illegible] Waste is being shipped under the Cradle manifest to Clean Harbors Buttonwillow, CA [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	[illegible]	21

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	06	[illegible]	[illegible]
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA9170090...	1	(949) 726-7737	003879341 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (N93)
Engineering Field Activity
Naval Facilities Engineering Command
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Marine Corps Support
Installation (Area C)
Camp Pendleton, CA 92055

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6100
Facility's Phone: CAD981622772

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 4626 Waste originally shipped under manifest # 158769 through 158770 to Perma-Fix on Leaving
CA # 7890008701 where it was refused. Waste is being shipped under this other manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Lt Col E. Schultz		01	16	17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]		01	16	17

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]
2. Page 1 of [illegible]
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 008379342 **JJK**

5. Generator's Name and Mailing Address: US Navy BRAC PMO-W [illegible] / 1 Ave of the Palms Suite 161 / San Francisco CA 941[illegible] Attn: [illegible] (415) [illegible]

Generator's Phone:

Generator's Site Address (if different than mailing address): US Navy Hunters Point Shipyard / [illegible] / San Francisco CA 94124

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow / 2500 West Lokern Road / Buttonwillow, CA 93206 661-762-6200

Facility's Phone:

U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH[illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1462 7 *Waste originally shipped under non-hazardous waste manifest # 1587869 through 1587910 to Kettleman Canyon Landfill
SO # A78893201 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.*

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month / Day / Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim Borba — Signature: [signature] — Month / Day / Year: [illegible] 14
Transporter 2 Printed/Typed Name: — Signature: — Month / Day / Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000009	1	(800) 231-8735	005879343 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (900)
1 Avenue of the Palms, Suite 161
San Francisco CA 94130 Attn: Doug (415) 743-4712

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
Parcel Dunlap Street
San Francisco CA 94124

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000

Facility's Phone: CAD 0 0 6 2 9 6 6 3 7

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	00018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 1-1-0-0-0-0-0-0 EPA 611 Certificate of chemical destruction required and a weight basis. Wear appropriate PPE
Trucking # 1-0-0-0-0-0-0-0 Waste originally shipped under non-hazardous waste manifest 58780 consign 58780 to Heller Canyon Landfill
CA D 980894201 Once waste is fully treated/ waste is being treated under the Federal regulations by Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year
Thomas D Tang — 10 11 17

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year
KORY TARCIN — 10 12 17

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

ED_002781A_00006121-00239

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CA0001618987
2. Page 1 of: 1
3. Emergency Response Phone: DeLong (510) 777-8837
4. Manifest Tracking Number: 008370344 **JJK**

GENERATOR

5. Generator's Name and Mailing Address
US Navy SRAC PWD-W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: DeLong (415) 743-4718
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Parcel/Radiation Street)
San Francisco, CA 94124

6. Transporter 1 Company Name: Pedro Trucking — U.S. EPA ID Number: CAC [illegible] 4548

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: — U.S. EPA ID Number: CAD 9 8 0 6 7 5 3 7 8

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	CT	0018	Y	61J
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4908878 ERG #171 Certificate of disposal/destruction required and a weight ticket; Wear appropriate PPE
Tracking # 1662 Waste originally shipped under non-hazardous waste manifest# 1587866 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.
SO # A72893201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Dreamer — Signature: [signature] — Month: 06 — Day: 04 — Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Pedro Campos — Signature: [signature] — Month: 01 — Day: 04 — Year: 14

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Manifest Tracking Number: 00337345 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661 762-6100

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	522
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No. 1102320 ERG 803 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 1630 waste received shipped under non-conformance case numbers 1587869 through 1587870 at Keller Canyon Landfill
SO # A7888320 where it was refused. Waste is being received under the Interim Authorization to Clean Harbors Buttonwillow CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator ID Number: [illegible]

2. Page 1 of [illegible]

3. Emergency Response Phone: [illegible]

4. Manifest Tracking Number: 003379346 **JJK**

5. Generator's Name and Mailing Address: US Navy [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address): US Navy Hunters Point Shipyard [illegible] San Francisco, CA [illegible]

6. Transporter 1 Company Name: [illegible]

U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 661-762-6200

Facility's Phone:

U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No: [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.

Tracking # [illegible] "Waste originally shipped under non-hazardous waste manifest # [illegible] through [illegible] [illegible] where it was refused. Waste is being reshipped under this & other manifests to Clean Harbors Buttonwillow, CA facility."

SO # [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [signature] | Month / Day / Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] | Signature: [signature] | Month / Day / Year: 01 / [illegible] / 14

Transporter 2 Printed/Typed Name: | Signature: | Month / Day / Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: | Signature: | Month / Day / Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0170090	1	(510) 445-3326	008879347 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy SRAC PMO M (Mail)
9 Ave of the Palms, Suite 101
San Francisco, CA 94130 (415) 743-4713

Generator's Site Address (if different than mailing address)
US Navy Supply Fleet Support
(Depot/Operations Center)
San Francisco, CA 94135

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number: CAD009737171

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6400

U.S. EPA ID Number: CAD982067576

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0015	Y	011
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 0000000 ERG 811 Certificate of representative waste is being shipped under the name of Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jamie Dorsey — Signature — Month: 6 — Day — Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jesse Barrera — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0128626826	1	DeLong (415) 743-4833	008793348 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (94G)
1 Avenue of the Palms, Suite 161
San Francisco, CA 94130 Attn: DeLong (415) 743-4833

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
former (Dorsett Streets)
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number
Asbestos Trucking CAR000 [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: CAD980675376

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4508878 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16633 Waste originally shipped under non-hazardous waste manifest # 1587860 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."
SO # A7889201

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Donna M. DeLong	[signature]	06	26	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Ricardo Aguilar	[signature]	06	26	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	008879349 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy (NAVFAC SW) (Code 200)
1 Ave of the Palms Suite 161
Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
US Navy Pumkin Point Shipyard
(Treasure Island Resale)
San Francisco, CA 94130

6. Transporter 1 Company Name [illegible] U.S. EPA ID Number [illegible]

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone: CAD 0 9 8 1 8 6 1 5 7 5

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: [illegible] ERC NO: [illegible] Certificate of disposal/destruction required and a weight ticket. Waste approved for Trucking # [illegible] Waste originally shipped under manifest [illegible] was rejected by [illegible] Clean Harbors Buttonwillow, CA facility. CA B2980001 Waste is being returned under this manifest to Clean Harbors Buttonwillow, CA facility.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Dorothy Dreath	[illegible]	01	01	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	01	01	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: [illegible]

2. Page 1 of [illegible]

3. Emergency Response Phone: [illegible]

4. Manifest Tracking Number: [illegible] JJK

5. Generator's Name and Mailing Address: [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

6. Transporter 1 Company Name: [illegible]

U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: [illegible]

Facility's Phone: [illegible]

U.S. EPA ID Number: [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018 [uncertain]	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No: [illegible] [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: [illegible]

Transporter 2 Printed/Typed Name | Signature | Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

#7[illegible]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of 1	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 008879351 JJK

5. Generator's Name and Mailing Address
US Navy BRAC PMO West [illegible]
[illegible]
[illegible], CA [illegible] Attn: [illegible]
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA [illegible]

6. Transporter 1 Company Name E-A Trucking — U.S. EPA ID Number [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 7[illegible] Waste originally shipped under [illegible] waste manifest # [illegible] through [illegible] [illegible] Canyon Landfill
SO # A78693201 where it was refused. Waste is being reshipped under this [illegible] manifest to Clean Harbors Buttonwillow, CA facility.*

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month 06 Day 26 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alfredo Chavez — Signature: [signature] — Month 06 Day 26 Year 14
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number
	[illegible]		[illegible]	008873352 JJK

5. Generator's Name and Mailing Address: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661 762 6200

Facility's Phone:

U.S. EPA ID Number: CAD 980 675 276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CH[illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 10637 *Waste originally shipped under nonhazardous waste manifest # 1587889 through 1587910 to Keller Canyon Landfill
SO # A78893201 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.*

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month 06 Day [illegible] Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RANJIT SINGH — Signature: [illegible] — Month 06 Day 04 Year 14
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	[illegible]		[illegible]	008379353 JJK

5. Generator's Name and Mailing Address: [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address): US Navy Hunters Point Shipyard [illegible] San Francisco, CA [illegible]

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow [illegible] Buttonwillow, CA [illegible] — U.S. EPA ID Number: [illegible]

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DM	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

[illegible] ERG #171 [illegible]

Tracking # [illegible] [illegible]

SO # [illegible] [illegible] Clean Harbors Buttonwillow, CA [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year:

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] CHAHAL — Signature: [illegible] — Month / Day / Year:

Transporter 2 Printed/Typed Name: — Signature: — Month / Day / Year:

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month / Day / Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			002783354 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000

Facility's Phone:

CAD 009 452 575

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No. 1000332N PO 8173 Certificate of disposal/destruction required and a weight ticket from appropriate EPA Trucking # 4237 Waste originally shipped under manifest number 002783 through 002810 in error Cargo tanks Q1 0 6782 3301 short 1 ea returned. Waste is being reshipped under the above mentioned to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
		12	12	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
		12	12	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of [illegible]	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 003379355 JJK

GENERATOR

5. Generator's Name and Mailing Address: [illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address): [illegible]

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: CAR000224568

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

Facility's Phone:

U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 [illegible]
Tracking # [illegible]
SO # [illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month 06 Day 27 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ivan Manuel Gutierrez — Signature: [signature] — Month 06 Day 27 Year 14
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			008673356 JJK

GENERATOR

5. Generator's Name and Mailing Address

US Navy (NAVFAC EFD SW)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: Dennis (619) 532-4121

Generator's Site Address (if different than mailing address)

US Navy Hunters Point Annex
Parcel Dry Dock
San Francisco, CA 94124

Generator's Phone:

6. Transporter 1 Company Name

Gandy Tank Lines

U.S. EPA ID Number

CAD 009 243 456

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6700

U.S. EPA ID Number

Facility's Phone:

CAD 980 675 276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No CM850678 ERG #171 Certificate of consignment/destination required and a weight ticket. Wear appropriate PPE
Tracking # 777-9[illegible] Waste originally shipped under manifest number [illegible] through [illegible] to Clean Harbors Lowell
SCS # 07083281 Area 4 - as refused. Waste is being reshipped under the 5 other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis Dolan — Signature: [signature] — Month: 04 — Day: 27 — Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kelly Morris — Signature: [signature] — Month: 04 — Day: 27 — Year: 14

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA9170024644	1	(800) 424-9300	008679357 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BEAT PMO W (N45)
8 Ave of the Palms Suite 101
San Francisco, CA 94130 Ana Delong (415) 743-4844

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Parcel/Dan Owens Street)
San Francisco CA 94124

Generator's Phone:

6. Transporter 1 Company Name: GTL — U.S. EPA ID Number: CAD981383576

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
3500 West Lokern Road
Buttonwillow, CA 93206 661-762-6240

U.S. EPA ID Number: CAD009122576

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (soil w/trace metals)	001	CY	0018	Y	811
	2.					
	3.					
	4.					

14. Special Handling (Instructions and Additional Information)
Approval No: 01933872 ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 4604 2 waste entirely shipped under non-hazardous waste manifest numbers 008780 through 008810 to Kettleman City, CA and
SO # A7889701 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Duane S Zwerling — Signature — Month: 01 — Day: 30 — Year: 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Carlos Gonzalez — Signature — Month: 01 — Day: 30 — Year: 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
			008789358 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0038	Y	D11
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	008279359 JJK

GENERATOR

5. Generator's Name and Mailing Address
[illegible]

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA 9124

Generator's Phone: [illegible]

6. Transporter 1 Company Name
[illegible]

U.S. EPA ID Number
CAD981[illegible]

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

U.S. EPA ID Number
CAD980675576

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
[illegible] ERG #171 Certificate of Disposal/Destruction required and a weight ticket. Wear appropriate PPE. Tracking # [illegible] Waste was originally shipped under manifest # [illegible] through [illegible] to Hunter Corp on Lennox Rd in Bakersfield. Waste is being reshipped under this / other manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	008579360 JJK

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130   Attn: Delong (415) 743 4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Fisher/Donahue Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: CAL[illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH6500828   ERG #171   Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 16645   Waste originally shipped under non-hazardous waste manifest 1587869 through 1587910 to Keller Canyon Landfill
SO # A78893201   where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month Day Year: 06 27 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jesse Guerrero — Signature: [illegible] — Month Day Year: 06 27 14
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

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GENERATOR'S INITIAL COPY

11 04

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: [illegible]	2. Page 1 of 1	3. Emergency Response Phone: [illegible]	4. Manifest Tracking Number: 008879361 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms, Suite 161
San Francisco, CA 94130 Attn: [illegible]
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
(Innes/[illegible] Streets)
San Francisco, CA 94124

6. Transporter 1 Company Name: [illegible] — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD 980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0018	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # [illegible] Waste originally shipped under non-hazardous waste manifest # 1587869 through 1587910 to Keller Canyon Landfill
SO # A78893201 where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]
Transporter 2 Printed/Typed Name: — Signature: — Month / Day / Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of 1	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 008[illegible]9362 JJK

5. Generator's Name and Mailing Address
US Navy BRAC PMO W [illegible]
1 [illegible] Suite [illegible]
San [illegible] CA 92[illegible]

Generator's Phone: [illegible]

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco CA 94[illegible]

6. Transporter 1 Company Name
EAT [illegible]
U.S. EPA ID Number
CAD00[illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200

Facility's Phone:

U.S. EPA ID Number
CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0012	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: [illegible] ERG #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # [illegible] waste originally shipped under nonhazardous waste manifest # 1587[illegible] through 1587910 to Kettleman Canyon [illegible]
SO # A78893[illegible] where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [signature] | Month 06 Day 27 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] | Signature: [signature] | Month 06 Day 27 Year 14
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 006879363 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)
US Navy Naval Base Point Loma
Old Quarantine Wharf
San Diego, CA 92135

Generator's Phone:

6. Transporter 1 Company Name
U.S. EPA ID Number: CAD009691148

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000
U.S. EPA ID Number: CAD980673720

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	001	DT	0018	T	141
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ACCEPTED FACILITY 05/31/19 Certificate of decontamination required and a weight ticket. Non-appropriate RCRA hazardous waste shipped under exemption 262.34(d)(5)(iii) to Kettleman Hills Facility, CA EPA ID CAD009496243 where it will be stored. Waste is being shipped under the Clean Harbors Buttonwillow, CA facility.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: James Lockey
Signature
Month: 06 Day: 30 Year: 19

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Manuel Gutierrez
Signature
Month: 06 Day: 30 Year: 19

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 00673366 JJK

5. Generator's Name and Mailing Address
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow,
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000
U.S. EPA ID Number
CAD 0 0 8 4 9 5 3 7 6
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non RCRA hazardous waste (solid w/trace metals)	(X)	DT	0018	Y	6A2
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CA4905820 EAC 8171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE.
Tracking # 1674 4[illegible] were originally shipped under non-hazardous waste manifest # 5587869 through 5587910 to Kettleman Canyon Landfill
SO # A78893201 where it was refused. Waste is being reshipped under this & other manifests to Clean Harbors Buttonwillow, CA facility.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name
Signature
Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Signature
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0170090	1	(619) 532-7864	008679365 JJK

GENERATOR

5. Generator's Name and Mailing Address
U.S. Navy DRMO San Diego (NPS)
1 Avenue of the Palms, suite 161
San Diego, CA 92118 Attn: Lindsay (619) 702-8751

Generator's Site Address (if different than mailing address)
U.S. Navy Naval Support Activity
(Former Homeless Vessel)
San Francisco, CA 94130

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000

U.S. EPA ID Number — CAD 980 674 320

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	0016	Y	000
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. 1705013 ERG #171 Certificate of disposal/destruction required and weights noted. Wear appropriate PPE. Tracking # 1162530 Waste originally shipped under non-hazardous waste manifest # 008679365 through USA/SEA to Clean Harbors Buttonwillow, CA facility. SO # 4700092301 Waste is being reshipped under this manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month 06 Day 25 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 06 Day 25 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month Day Year

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number [illegible]	2. Page 1 of 1	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 008879366 JJK

5. Generator's Name and Mailing Address
US Navy BRAC PMO W (HPS)
1 Ave of the Palms Suite 161
San Francisco, CA 94130 Attn: [illegible] (415) 743-4713
Generator's Phone:

Generator's Site Address (if different than mailing address)
US Navy Hunters Point Shipyard
[illegible]
San Francisco, CA 94124

6. Transporter 1 Company Name: [illegible] U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6200
Facility's Phone:
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metals)	001	DT	[illegible]	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No: CH4509875 ERG #171 Certificate of disposal/destruction required and a weight ticket; Wear appropriate PPE.
Tracking # 16457
SO # A78893201
"Waste originally shipped under non-hazardous waste manifest # 1587869 through 1587910 to Keller Canyon Landfill where it was refused. Waste is being reshipped under this / other manifests to Clean Harbors Buttonwillow, CA facility."

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 06 Day 30 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] CHAHAL Signature: [illegible] Month 06 Day 30 Year 14
Transporter 2 Printed/Typed Name Signature Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

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(1665)

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0000009	1	(800) 231-8735	006978367 JJK

GENERATOR

5. Generator's Name and Mailing Address
US Navy NAVSTA, Public Works
1 Ave of the Palms, Building 1
San Francisco, CA 94130 Attn: Harold (415) 743-4712

Generator's Site Address (if different than mailing address)
US Navy NS, Main Mole Pier
(Building/Street Address)
San Francisco, CA 94130

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number
Clean Harbors Los Angeles — CAD981382323

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, CA 93206 661-762-6000

Facility's Phone: — CAD982033979

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (solid w/trace metal)	001	CY	0018	T	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Approval No. CH000076 LDR #171 Certificate of disposal/destruction required and a weight ticket. Wear appropriate PPE
Tracking # 1649 54 Waste shipped under the hazardous waste manifest (40 CFR 262) through 12/31/10 as Retail Carrier Limited
SO # A7889301 Waste is being consigned under the Uniform Manifest to Clean Harbors Buttonwillow, CA Facility."

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Harold Lobo		6	30	10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
IMPERIAL GOBEL		6	30	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
				0036[illegible]366 JJK

GENERATOR

5. Generator's Name and Mailing Address

Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: HEM N LOKZ TRANS — U.S. EPA ID Number: CAD00[illegible]151

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste (total w/trace metals)	001	DT	0018	Y	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval No: [illegible] ERG #171 Certificate of Disposal/Destruction required with weight ticket. Wear appropriate PPE.

Tracking #1663 Waste originally shipped under manifest # [illegible] through [illegible] to Kettle Canyon Landfill SO # A78003201 there it was rejected. Waste is being reshipped for the 1st time under manifest to Clean Harbors Buttonwillow, CA facility.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	6	30	17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
HEM N LOKZ	[illegible]	6	30	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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ARCADIS

Attachment D

Republic Services Waste Profile – Non-RCRA Soil Waste Profile

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Attachment E

Non-Conforming Loads Waste Manifests and Weight Tickets

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Attachment F

SOP – Inspection and Verification of Stockpiles with Form

ARCADIS

Attachment G

Summaries of Interviews of ARCADIS Employees